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Registerheft

Enthaltend die Liste der Mitarbeiter, ein Verzeichnis der benutzten Zeitschriften, die Stoffgliederung, das Systematische Register und das alphabetische Namenregister

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In den mit + gekennzeichneten Gebieten wurde unter den einzelnen Punkten die Ordnung nach aufsteigenden Heft- und Referatenummern verlassen und durch eine stofforientierte ersetzt.

Die Anordnung für die Gebiete Kernspektroskopie und Kernreaktionen erfolgt nach aufsteigenden Kernmassenzahlen.

In der Physik unter stofflichem Gesichtspunkt sind bei den Elementen und deren Gemischen verwandte Stoffe zu Gruppen zusammengefaßt. Innerhalb der Stoffgruppen stehen Arbeiten über mehrere Stoffe voran. Dann folgt die Sortierung nach dem Periodensystem, Gemische bilden den Abschluß.

Binäre Verbindungen sind nach den Halbmetall- bzw. Metalloidanionen geordnet, Verbindungen mit zusammengesetzten Anionen soweit wie möglich nach dem charakteristischen Element des Anions. Innerhalb einer Anionengruppe gilt für die Kationen die Stoffgruppensortierung der Elemente. Organische Verbindungen sind in alphabetischer Reihenfolge angeordnet.

ste der Mitarbeiter

für den 47. Jahrgang (1968) der Physikalischen Berichte Referate geliefert haben:

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Für die alphabetische Ordnung der Kurztitel ist die Wort- bzw. Buchstabenfolge des Kurztitels, nicht die des vollständigen bibliographischen Titels maßgebend. Bei Buchstabenkürzungen wie: A, E, G., A. I. A. A. oder IBM, IEEE etc. ist jeweils der 1. Buchstabe Ordnungswort. Dementsprechend stehen A, E, G., A. I. A. A. vor Arch. (Archiv),

A, E, G. Mitt. = A. E. G. - Mitteilungen.
- Allgemeine Elektrizitäts-Gesellschaft, Hohenzollerndamm 150, Berlin 33.

A. I. A. A. - J. = A. I. A. A. - Journal.
(American Institute of Aeronautics and Astronautics.) - 1290 Ave. of the Americas, New York, N. Y. 10019.

Abh. Aerodyn. Inst. Aachen = Abhandlungen aus dem Aerodynamischen Institut der Rhein.-Westf. Technischen Hochschule Aachen, Selbstverlag.

Abh. Akad. Wiss. u. Lit., Mainz, Math. - nat. Kl. = Abhandlungen der Akademie der Wissenschaften und der Literatur, Mathematisch-naturwissenschaftliche Klasse, Mainz. - Gaust. 104, Mainz.

Abh. bayer. Akad. Wiss. = Abhandlungen der Bayerischen Akademie der Wissenschaften, Math.-naturw. Klasse. - Verlag der Bayerischen Akademie der Wissenschaften, München, Kommission: C. H. Beck'sche Verlagsbuchhandlung, München.

Abh. braunschw. wiss. Ges. = Abhandlungen der Braunschweigischen Wissenschaftlichen Gesellschaft. - Verlag Friedr. Vieweg u. Sohn GmbH, Postfach 185, Braunschweig.

Abh. dtsh. Akad. Wiss. Berlin, Kl. Math., Phys., Tech. = Abhandlungen der Deutschen Akademie der Wissenschaften zu Berlin, Klasse für Mathematik, Physik, Technik. - Akademie-Verlag, Leipziger Str. 3-4, 108 Berlin.

Abh. dtsh. Akad. Wiss. Berlin, Geomagn. Inst. Potsdam = Abhandlungen der Deutschen Akademie der Wissenschaften zu Berlin, Geomagnetisches Institut Potsdam. - Akademie-Verlag, Leipziger Str. 3-4, 108 Berlin.

Abh. dtsh. Mus. = Abhandlungen und Berichte des Deutschen Museums, Berlin, R. Oldenbourg, Rosenheimer Str. 145, München 8.

Abh. math. - phys. Abt. Akad. Wiss. Budapest = Abhandlungen aus der mathematisch-physikalischen Abteilung der Ungarischen Akademie der Wissenschaften Budapest.

Acta Cie. Compostelana = Acta Científica Compostelana, Revista de la Facultad de Ciencias de la Universidad de Santiago de Compostela. Redaktion und Sekretariat: Facultad de Ciencias, Santiago de Compostela, Spanien.

Acta cryst. = Acta Crystallographica (International Union of Crystallography.) - Ejnar Munksgaard, Nørregade 6, Copenhagen.

Acta electronica = Acta electronica, Revue Trimestrielle. - 23, Rue du Retrait, Paris 20.

Acta Mech. = Acta Mechanica. - Springer Verlag, Mölkerbastei 5, Wien 1. (Bis einschl. 1964; Oest. IngArch. = Oesterreichisches Ingenieurarchiv.)

Acta metallurg. = Acta metallurgica. - American Society for Metals, Pergamon Press, Inc., 44-01 21st Street, Long Island City, N. Y. 11101.

Acta phys. austr. = Acta Physica Austriaca. - Springer-Verlag, Mölkerbastei 5, Wien 1.

Acta phys. chem., Szeged = Acta physica et chemica. (Facultas Scientiarum Naturalium Universitatis Szegediensis.) - Aradi Vértanúk tere 1, Szeged, Ungarn.

Acta phys. hung. = Acta Physica Academiae Scientiarum Hungaricae. - Postafiók 440, Budapest 62.

Acta phys. polon. = Acta Physica Polonica. (Polska Akademia Nauk, Instytut Fizyki.) - Auslieferung: PPK Ruch, ul. Srebrna 12, Warszawa.

Acta polyt. scand. = Acta Polytechnica Scandinavica. - Acta Polytechnica Scandinavica Publishing Office, Box 5073, Stockholm 5, Schweden.

Acta radiol., Stockh. = Acta Radiologica, Stockholm. - Auslieferung: Acta Radiologica, Stockholm 2, Schweden.

Acta tech. hung. = Acta Technica Academiae Scientiarum Hungaricae. - Acta Technica, Alkotmány utca 21. Budapest V.

Acta Univ. Lund. (Sect. II) = Acta Universitatis Lundensis, Sectio II (Medica, Mathematica, Scientiae Rerum Naturalium). - C. W. K. Gleerup, Lund, Schweden.

Acta Univ. Wratislav. (Matem., Fiz., Astr.) = Acta Universitatis Wratislaviensis, Serie Matematyka, Fizyka, Astronomia. - Universität Wrocław.

Acustica = Acustica. - S. Hirzel Verlag, Postfach 347, Stuttgart-N.

Adv. Astron. Astrophys. = Advances in Astronomy and Astrophysics. - Academic Press, 111 Fifth Avenue, New York, N. Y. 10003, United Kingdom Edition published by Academic Press (London) Ltd., Berkeley Square House, London W. 1.

Adv. atom. mol. Phys. = Advances in Atomic and Molecular Physics, Academic Press, Inc., 111 Fifth Ave., New York, N. Y. 10003 und Academic

Press (London) Ltd., Berkeley Square House, London W. 1.

Adv. En. Conv. = Advanced Energy Conversion, An International Journal. - Pergamon Press, Headington Hill Hall, Oxford, Ab Bd. 8 (1968) siehe: En. Conv.

Adv. nucl. Phys. = Advances in Nuclear Physics, Herausgeber: Michel Baranger und Erich Vogt. Plenum Press, a Division of Plenum Publishing Corporation, 227 West 17 Street, New York, N. Y. 10011.

Adv. Phys. = Advances in Physics. (Quarterly Suppl. of the Philosophical Magazine.) - Taylor and Francis, Red Lion Court, Fleet Street, London, E. C. 4.

Adv. Polym. Sci. = Advances in Polymer Science - Fortschritte der Hochpolymeren Forschung (s. ebenda). Springer Verlag, Heidelberger Platz 3, Berlin 31.

Adv. Sci., Lond. = Advancement of Science. - British Association for the Advancement of Science, 3 Sanctuary Buildings, 20 Great Smith Street, London SW 1.

Adv. Space Sci. Technol. = Advances in Space Science and Technology. - Academic Press, 111 Fifth Avenue, New York, N. Y. 10003.

Adv. Spectrosc. = Advances in Spectroscopy. - Interscience Publishers, 250 Fifth Avenue, New York 1, N. Y. and 88-90 Chancery Lane, London, W. C. 2.

Adv. X-Ray Anal. = Advances in X-Ray Analysis, Proceedings of the Annual Conference on Applications of X-Ray Analysis. - Plenum Press, 227 West 17th Street, New York 11, N. Y.

Akust. Beih. = Akustische Beihefte. (Beihefte zu "Acustica" ohne eigene Seitenzählung.)

Allg. Wärmetech. = Allgemeine Wärmetechnik. - Verlag "Allgemeine Wärmetechnik", Postfach 191, Frankfurt (Main) - Höchst.

Alta Frequenza = Alta Frequenza. - Associazione Elettrotecnica Italiana, Via San Paolo 10, Milano.

Amer. J. Phys. = American Journal of Physics. - American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017.

An. Acad. brasil. Cie. = Anais da Academia Brasileira de Ciências, Rio de Janeiro. - Caixa Postal 229, Rio de Janeiro, Brasilien.

- Ann. Fac. Cie. fis. mat. Univ. Chile = Anales Facultad de Ciencias Físicas y Matemáticas. Universidad de Chile, Santiago de Chile. - Editorial Universitaria, S. A., Ricardo Santa Cruz 747, Santiago de Chile.
- Ann. Soc. esp. Fis. Quím. = Anales de la Sociedad Española de Física y Química. - Ciudad Universitaria, Madrid.
- Ann. Stiint. Univ. "Al. I. Cuza", Iași = Analele științifice ale Universității "Al. I. Cuza" din Iași. Secțiunea I (Matematică, Fizică, Chimie). - Jassy, Rumänien.
- Anal. Chem. = Analytical Chemistry. - American Chemical Society, 1155 Sixteenth Street, N. W., Washington 6, D. C. 20036.
- Angew. Chem. = Angewandte Chemie. - Verlag Chemie, Weinheim/Bergstraße.
- Angew. Math. Mech., Moskau = Angewandte Mathematik und Mechanik, siehe; Priklad. Mat. Mech.
- Ann. Acad. Sci. fenn. = Annales Academiæ Scientiarum Fennicæ. - Suomalaisen Tiedekademiä, Snellmaninkatu 9, Helsinki.
- Ann. Astrophys. = Annales d'Astrophysique. - Service des Publications du Centre National de la Recherche Scientifique, 13 Quai Anatole-France, Paris VII^e.
- Ann. franç. Chronom. Microméc. = Annales Françaises de Chronométrie et de Micromécanique. - Centre Technique de l'Industrie Horlogère et la Société Française de Chronométrie et de Micromécanique, Observatoire de Besançon.
- Ann. Géophys. = Annales de Géophysique. - Service des Publications du C. N. R. S., 13 Quai Anatole-France, Paris VII^e.
- Ann. Inst. Poincaré = Annales de l'Institut Henri Poincaré. Section A; Physique théorique, Section B; Calcul des Probabilités et Statistique. - Gauthier-Villars, 55, Quai des Grands - Augustins, Paris (VI^e).
- Ann. int. geophys. Year = Annals of the International Geophysical Year. - Pergamon Press (Oxford-London-New York-Toronto-Paris-Braunschweig).
- Ann. Met., Hamburg = Annalen der Meteorologie. - Deutscher Wetterdienst, Seewetteramt, Bernhard-Nocht-Str. 76, Hamburg 4.
- Ann. Obs. Besançon = Annales de l'Observatoire de Besançon. Astronomie et Géophysique. Nouvelle Série. - Observatoire de Besançon, Doubs (France).
- Ann. Phys., Lpz. = Annalen der Physik. J. A. Barth, Salomonstr. 18B, 701 Leipzig.
- Ann. Phys., N. Y. = Annals of Physics. - Academic Press, Inc., 111 Fifth Ave., New York, N. Y. 10003.
- Ann. Phys., Paris = Annales de Physique. - Masson et Cie., 120 Boulevard Saint-Germain, Paris (VI^e).
- Ann. Radioélect. = Annales de Radioélectricité. - 12 Rue Carduzzi, Paris XIX^e.
- Ann. Soc. sci. Brux. = Annales de la Société Scientifique de Bruxelles. Sér. 1. - Institut de Physique, Parc d'Arenberg, Héverle-Louvain (Belgien).
- Ann. Télécomm. = Annales de Télécommunications. - Centre National d'Etudes des Télécommunications, 24 Rue Bertrand, Paris VII^e.
- Ann. Univ. Sarav., math.-naturw. Fak. = Annales Universitatis Saraviensis, Reihe Mathematisch-Naturwissenschaftliche Fakultät, Herausgegeben von Fridolin Firtion. - Gebrüder Borntraeger, Berlin-Nikolassee.
- Ann. Univ. Turku = Annales Universitatis Turkuensis, Ser. A1; Astronomica-Chemica-Physica-Mathematica. (Turun Yliopiston Julkaisu.) - Turun Yliopisto, Turku (Finnland).
- Annu. Rev. Astr. Astrophys. = Annual Review of Astronomy and Astrophysics. - Annual Reviews Inc., 231 Grant Avenue, Palo Alto, California.
- Annu. Rev. nucl. Sci. = Annual Review of Nuclear Sciences. - Annual Reviews Inc., 231 Grant Ave., Palo Alto, California.
- Annu. Rev. phys. Chem. = Annual Review of Physical Chemistry. - Annual Review Inc., 231 Grant Ave., Palo Alto, Calif.
- Anz. österr. Akad. Wiss. = Anzeiger der Oesterreichischen Akademie der Wissenschaften. Math.-naturwiss. Kl. - Springer-Verlag, Mölkerbastei 5, Wien 1.
- Appl. Mech. Rev. = Applied Mechanics Review. - American Society of Mechanical Engineers, 29 West 39th Street, New York 18, N. Y.
- Appl. Optics = Applied Optics, Optical Society of America. - 55 West 16th Street, New York 11, N. Y.
- Appl. Phys. Letters = Applied Physics Letters. - American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017.
- Appl. sci. Res., Hague = Applied Scientific Research. Section A; Mechanics, Heat, Chemical Engineering, Mathematical Methods. Section B; Electrophysics, Acoustics, Optics, Mathematical Methods. - Martinus Nijhoff, The Hague.
- Appl. Spectrosc. = Applied Spectroscopy - Society for Applied Spectroscopy - Published by the American Institute of Physics, 335 E. 45th Street, New York, N. Y. 10017.
- Arbeitsgem. Forsch. Nordrhein-Westf. = Arbeitsgemeinschaft für Forschung des Landes Nordrhein-Westfalen; Veröffentlichungen. - Westdeutscher Verlag, Ophovener Str. 1-3, Opladen.
- Arbok Univ. Bergen (mat.-naturv. Ser.) = Arbok for Universitetet i Bergen, Mat.-
- Naturv. Serie. - Norwegian Universities Press, Bergen - Oslo. Auslieferung über: Box 307, Blindern, Oslo 3.
- Arch. Eisenhüttenw. = Archiv für das Eisenhüttenwesen. - Verlag Stahleisen, August-Thyssen-Str. 1, Düsseldorf.
- Arch. elekt. Uebertr. = Archiv der elektrischen Uebertragung. S. Hirzel Verlag, Birkenwaldstr. 185, Stuttgart-N.
- Arch. Elektrotech. = Archiv für Elektrotechnik. - Springer-Verlag, Heidelberger Platz 3, Berlin 31.
- Arch. Hist. exact Sci. = Archive for History of Exact Sciences, edited by C. Truesdell. Springer-Verlag Berlin-Göttingen-Heidelberg. Postverlagsort Berlin.
- Arch. rat. Mech. Anal. = Archive for Rational Mechanics and Analysis. - Springer-Verlag, Heidelberger Platz 3, Berlin 31.
- Arch. tech. Messen = Archiv für technisches Messen und industrielle Meßtechnik. - R. Oldenbourg, Rosenheimer Str. 145, München 8.
- Archiw. Elekt. (poln.) = Archiwum Elektrotechniki. - (Polska Akademia Nauk.) - Auslieferung: ul Koszykowa 75, Politechnika. Zakład Elektroniki, Warszawa.
- Arcos - Hausmitt. = Arcos-Hausmitteilungen. - Arcos, Ges. für Schweißtechnik, Jülicher Str. 122-134, Aachen.
- Ark. Astron. = Arkiv för Astronomi. (Kungliga Svenska Vetenskapsakademien, Stockholm SO.) - Auslieferung: Almqvist and Wiksell, Gamla Brogatan 26, Stockholm.
- Ark. Fys. = Arkiv för Fysik. Verlag siehe: Ark. Astron.
- Askania-Warte = Askania Warte. - Continental Elektroindustrie AG, Askania Werke, 1 Berlin 42 (Mariendorf).
- Astron. J. = Astronomical Journal. (The American Astronomical Society.) - Auslieferung: Yale University Observatory, New Haven 11, Conn.
- Astron. Nachr. = Astronomische Nachrichten. - Akademie-Verlag, Leipziger Str. 3-4, 108 Berlin.
- Astron. Zh. = Astronomicheskii Zhurnal - Akademiya Nauk SSSR. - Akademkniga, ul. Kuibysheva 8, Moskva. (Orig. russ.). Engl. Uebers. siehe: Soviet Astron. - AJ.
- Astrofizika = Astrofizika - Akademiya Nauk ArmSSR. Auslieferung: Internationaler Bücheraustausch, Moskau 200. (Orig. russ.) Engl. Uebers. siehe: Astrophysics.
- Astronaut. Acta = Astronautica Acta. (New Series). - Springer-Verlag, Mölkerbastei 5, Wien.
- Astronomie, Paris = L'Astronomie et Bulletin de la Société Astronomique de France. - 28, rue Serpente, Paris - VIE.
- Astrophysics = Astrophysics (Engl. Uebers. aus: Astrofizika - Akademiya Nauk ArmSSR.) The Faraday Press, Inc., 84 Fifth Avenue, New York, N. Y. 10011. Russ. Orig. siehe: Astrofizika.

- Astrophys. J. = Astrophysical Journal. - Univ. of Chicago Press, 5750-58 Ellis Ave., Chicago, Ill. 60637.
- Astrophys. J., Suppl. = The Astrophysical Journal, Supplement Series. - University of Chicago Press, 5750 Ellis Avenue, Chicago, Ill. 60637.
- Astrophys. Letters = Astrophysical Letters. - Gordon and Breach Science Publishers Ltd., 8 Bloomsbury Way, London WC 1 und Gordon and Breach, Science Publishers, Inc., 150 Fifth Avenue, New York, N. Y. 10011.
- Astrophys. Space Sci. = Astrophysics and Space Science. - D. Reidel Publishing Company, Dordrecht-Holland.
- Atom. En. Rev. = Atomic Energy Review. - International Atomic Energy Agency, Kärtner Ring 11, Wien 1, Oesterreich.
- Atomkernenergie = Atomkernenergie. - Verlag Karl Thieme, Pülgersheimer Str. 38, München 9.
- Atompraxis = Atompraxis. - G. Braun, Karl-Friedrich-Str. 14-18, Karlsruhe.
- Atom und Strom = Atom und Strom. Herausgegeben von der Vereinigung Deutscher Elektrizitätswerke - VDEW - 6 Frankfurt/Main, S 10, Stresemannallee 23.
- Atomwirtschaft = Die Atomwirtschaft. Zeitschrift für die wirtschaftlichen Fragen der Kernumwandlung. - Verlag Handelsblatt GmbH, Kreuzstr. 21, Düsseldorf.
- Atti Accad. Ligure = Atti dell' Accademia Ligure di Scienze e Lettere. - Via Balbi 10, Genoa.
- Atti Accad. Linc. = Atti dell' Accademia Nazionale dei Lincei, Rendiconti: Classe di Scienze fisiche, matematiche e naturali. - Via della Lungara 10, Roma.
- Atti Accad. Torino = Atti dell' Accademia delle scienze di Torino. - Via Maria Vittoria 3, Torino.
- Atti Fond. Ronchi = Atti della Fondazione "Giorgio Ronchi" e Contributi dell' Istituto Nazionale di Ottica. - Via S. Leonardo 79, Arcetri-Firenze.
- Atti Soc. peloritana Sci. fis. mat. nat. = Atti della Società Peloritana di Scienze fisiche, matematiche e naturali. - Università di Messina, Messina.
- Augenoptik = Augenoptik. - VEB Verlag Technik, Oranienburger Str. 13-14, 102 Berlin.
- Aust. J. appl. Sci. = Australian Journal of Applied Science. - Commonwealth Scientific and Industrial Research Organization, 372 Albert Street, East Melbourne, C. 2, Victoria.
- Aust. J. Phys. = Australian Journal of Physics. - Verlag siehe: Aust. J. appl. Sci.
- Aust. J. Phys. 19.., Suppl. Nr. = Australian Journal of Physics, Astrophysical Supplement, Editorial and Publications Section, CSIRO, Sixth Floor, 372 Albert Street East Melbourne, C. 2., Victoria.
- Aust. J. Sci. = Australian Journal of Science ("Annual Meeting"-Hefte.) - The Australian and New Zealand Assoc. for the Advancement of Science, 157 Gloucester Street, Sydney.
- B. B. C. - Nachr. = BBC-Nachrichten. - Brown, Boveri u. Cie., Mannheim.
- Battelle tech. Rev. = Battelle Technical Review. - Battelle Memorial Institute, 505 King Ave., Columbus 1, Ohio.
- Beitr. Geophys. = siehe: Gerlands Beiträge zur Geophysik.
- Beitr. Phys. Atmos. = Beiträge zur Physik der Atmosphäre. - Akademische Verlagsges., Holbeinstr. 25-27, Frankfurt/Main.
- Beitr. Plasmaphys. = Beiträge aus der Plasmaphysik. - Akademie-Verlag GmbH, Leipziger Str. 3-4, 108 Berlin.
- Bell Syst. tech. J. = Bell System Technical Journal. - American Telephone and Telegraph Co., 195 Broadway, New York, N. Y. 10007.
- Beobachtungsergebn. Heinrich-Hertz-Inst. = Beobachtungsergebnisse Heinrich-Hertz-Institut. Radiofrequenzstrahlung der Sonne, Ionosphäre. - Deutsche Akademie der Wissenschaften zu Berlin, Heinrich-Hertz-Institut für Schwingungsforschung, Berlin-Adlershof.
- Ber. Bunsenges. phys. Chem. = Berichte der Bunsengesellschaft für physikalische Chemie. Verlag Chemie GmbH, Weinheim/Bergstraße.
- Ber. dtsh. keram. Ges. = Berichte der Deutschen Keramischen Gesellschaft. - Reuterstr. 235, Bonn/Rhein.
- Ber. naturf. Ges. Freiburg = Berichte der Naturforschenden Gesellschaft in Freiburg i. Br. - Hebelstr. 40, Freiburg i. Br.
- Bild Wiss. = Bild der Wissenschaft. Zeitschrift über die Naturwissenschaften und die Technik in unserer Zeit. Deutsche Verlags-Anstalt, Neckarstraße 121-125, Stuttgart 1.
- Biophysik = Biophysik. Herausgeg. von B. Rajewsky. - Springer-Verlag, Berlin-Heidelberg-New York.
- Boll. geofis. teor. appl. = Bollettino di Geofisica Teorica ed Applicata. (Osservatorio Geofisico Sperimentale di Trieste.) - Viale R. Gessi 4, Trieste (116).
- Boll. Soc. ital. Fis. = Bollettino della Società Italiana di Fisica. - Nicola Zanichelli, Via Inerio 34, Bologna.
- Brennst. - Wärme - Kraft = BWK, Brennstoff - Wärme - Kraft. - Deutscher Ingenieur-Verlag, Prinz-Georg-Str. 77, Düsseldorf.
- Brennstoffchemie = Brennstoff - Chemie - Verlag W. Girardet, Gerswidastr. 2, Essen.
- Brit. J. appl. Phys. = British Journal of Applied Physics. - Institute of Physics, 47 Belgrave Square, London, S. W. 1.
- Brit. J. Radiol. = British Journal of Radiology. - British Institute of Radiology, 32 Welbeck Street, London, W. 1.
- Brown Boveri Mitt. = Brown Boveri Mitteilungen. - Brown, Boveri u. Cie., Baden, Schweiz.
- Bul. Inst. Politeh. Bucuresti = Buletinul Institutului Politehnic Bucuresti, Bukarest.
- Bul. Inst. Politeh. Iasi = Buletinul Institutului Politehnic din Iasi (Romania). - Mathematical Institute, Polytechnical Institute, Jassy.
- Bull. Acad. polon. Sci. (math., astr., phys.) = Bulletin de l'Académie polonaise des Sciences, Classe troisième. - Polska Akademia Nauk, Publication address: Prasa i Książka, al. Foksal 18, Warsaw 10.
- Bull. Acad. Sci. USSR, Geophys. Ser. = Bulletin of the Academy of Sciences of the USSR, Geophysical Series. (Engl. Uebersetzung aus: Izvestiya Akademii Nauk SSSR, Seriya geofizicheskaya.) American Union, 1515 Massachusetts Ave., N. W., Washington 5, D. C. Russ. Orig. siehe: Izv. Akad. Nauk SSSR, Ser. geofiz.
- Bull. Acad. Sci. USSR, Phys. Ser. = Bulletin of the Academy of Sciences of the USSR, Physical Series (Engl. Uebers. aus: Izvestiya Akademii Nauk SSSR, Seriya fizicheskaya.) - Columbia Technical Translations, 5 Vermont Avenue, White Plains, N. Y. Russ. Orig. siehe: Izv. Akad. Nauk SSSR, Ser. Fiz.
- Bull. annu. Soc. suisse Chronom. = Bulletin Annuel de la Société Suisse de Chronometrie et du Laboratoire Suisse de Recherches Horlogère, Lausanne.
- Bull. astron. = Bulletin Astronomique, 3^e Série. Centre National de la Recherche Scientifique. - Service des Publications du Centre National de la Recherche Scientifique, 15, quai Anatole France - Paris (VII^e).
- Bull. belge Météol. = Bulletin Belge de Métrologie. - Service de la Métrologie, 24, rue Demot, Bruxelles 4.
- Bull. "Boris Kidrich" Inst. nucl. Sci. = Bulletin of the "Boris Kidrich" Institute of Nuclear Sciences. - P. O. Box 522, Beograd.
- Bull. Cent. Phys. nucl., Brux. = Bulletin du Centre de Physique Nucléaire de l'Université Libre de Bruxelles. - 50 Avenue F. D. Roosevelt, Bruxelles.
- Bull. Earthq. Res. Inst. Tokyo = Bulletin of the Earthquake Research Institute, Tokyo Imperial University. - Moto-fujicho, Bunkyo-ku, Tokyo.
- Bull. electrotech. Lab. Tokyo = Bulletin of the Electrotechnical Laboratory. - Agency of Industrial Science and Technology, Ministry of the International Trade and Industry, 2-chome, Nagato-cho, Chiyodaku, Tokyo, (Japan. Titel: Denkisikenjo Iho).

Verzeichnis der benutzten Zeitschriften

11. Fac. Engng Yokohama nat. Univ. = Bulletin of the Faculty of Engineering Yokohama National University. - Faculty of Engineering, Yokohama National University, Yokohama.
11. Fac. Sci. Engng Chuo Univ., Japan = Bulletin of the Faculty of Science and Engineering, Chuo University. Published by the Faculty of Science and Engineering, Chuo University, Kasuga, Bunkyo-ku, Tokyo, Japan.
11. géod. int. = Bulletin géodésique internationale. - Bureau Central de Géodésie, 19 rue Auber, Paris IX^e.
11. Inst. Electron., Sofia = Bulletin of the Institute of Electronics, Bulgarian Academy of Sciences, Department of Mathematical and Physical Sciences. - Bulgarian Academy of Sciences Press, Sofia.
11. Inst. Phys. Rech. atom., Sofia = Bulletin de l'Institut de Physique et de Recherche Atomique. Académie Bulgare des Sciences, Section des Mathématiques et de Physique. - Edition de l'Académie Bulgare des Sciences, Sofia.
11. JSME (Japan) = Bulletin of the Japan Society of Mechanical Engineers. - Nihon Kikaku Kyokai Building, 89 Aksaka-Hitotsugi-cho, Minato-ku, Tokyo.
11. Kobayasi Inst. phys. Res. = Bulletin of the Kobayasi Institute of Physical Research. - Kobayasi Institute of Physical Research, Kokubunzi, Tokyo.
11. nat. Res. Lab. Met. = Bulletin of the National Research Laboratory of Metrology. - National Research Laboratory of Metrology, 3569, 6-chome, Itabashi-machi, Itabashi-ku, Tokyo.
11. schweiz. elektrotech. Ver. = Bulletin. Schweizerischer Elektrotechnischer Verein. - Seefeldstr. 301, 8008 Zürich.
11. Soc. chim. Fr. = Bulletin. Société Chimique de France. - Masson et Cie., 120 Boulevard Saint-Germain, Paris VI^e.
11. Soc. franç. Minér. = Bulletin de la Société Française de Minéralogie et de Cristallographie. - Masson et Cie., Editeur, 120, Boulevard Saint-Germain, Paris (VI^e).
11. Soc. roy. Sci. Liège = Bulletin de la Société Royale des Sciences de Liège - L'Université, 7 Place du 20 Août, Liège (Belgien).
- ERN = European Organization for Nuclear Research. (Original Berichte) - CERN Service d'Information, Genève 23.
- R. Acad. Sci., Paris = Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences. - L'Institut de France, 23 Quai de Conti, Paris (VI^e). * Auslieferung: Gauthiers-Villars, 55 Quai des Grands Augustins, 75 Paris (VI^e).
- C. R. Acad. Sci., Sofia = Comptes Rendus de l'Académie Bulgare des Sciences. - Sofia, Bulgarien.
- Cah. Phys. = Cahiers de Physique. - Editions de la Revue d'Optique, Théorique et Instrumentale, 3 et 5 Boulevard Pasteur, Paris XV^e.
- Canad. J. Chem. = Canadian Journal of Chemistry. - The National Research Council of Canada, Ottawa 2, Canada.
- Canad. J. chem. Engng = Canadian Journal of Chemical Engineering. - (früher: Canadian Journal of Technology) The Chemical Institute of Canada, 18 Rideau Street, Ottawa 2, Ont.
- Canad. J. Phys. = Canadian Journal of Physics. - The National Research Council, Ottawa 2, Canada.
- Chalmers tek. Högsk. Handl. = Chalmers Tekniska Högskolans Handlingar. (Transactions of Chalmers University of Technology.) - Gothenburg, Schweden.
- Chem. Ber. = Chemische Berichte. - Verlag Chemie, Weinheim/Bergstraße.
- Chem. Engng Progr. = Chemical Engineering Progress. - American Institute of Chemical Engineers, Editorial and Advertising Offices, 345 E. 47th Street, New York, N.Y. 10017.
- Chem. Process Engng = Chemical and Process Engineering. Grampian Press Ltd., The Tower, 229-243 Shepherd's Bush Road, Hammersmith, London W 6.
- Chem. - Ing. - Tech. = Chemie-Ingenieur-Technik. - Verlag: Chemie, Weinheim/Bergstraße.
- Circ. nat. Bur. Stand. = Circular of the National Bureau of Standards. - U.S. Government Printing Office, Washington, D.C. 20402.
- Comm. nucl. Particle Phys. = Comments on Nuclear and Particle Physics. A Journal of Critical Discussion of the Current Literature. Gordon and Breach, Science Publishers, 150 Fifth Avenue, New York City 10011 and 61 Carey Street, Chancery Lane, London W.C.2.
- Commun. Dublin Inst. Adv. Stud. = Communications of the Dublin Institute for Advanced Studies, Series A. - 64-65 Merrio Square, Dublin.
- Commun. Electron. = AIEE (American Institute of Electrical and Electronics Engineers) Transactions on Communication and Electronics. - The American Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, N.Y. 10017.
- Commun. Kamerling Onnes Lab., Leiden = Communications from the Kamerling Onnes Laboratory of the University of Leiden. - Martinus Nijhoff, The Hague.
- Commun. Math. Phys. = Communications in Mathematical Physics. - Springer-Verlag, Heidelberger Platz 3, Berlin 31.
- Commun. pure appl. Math. = Communications on Pure and Applied Mathematics. - Interscience Publishers, 250 Fifth Ave., New York 1, N.Y.
- Control Engng = Control Engineering. - Mc Graw-Hill Publ. Comp., 330 West 42nd Street, New York 36, N.Y.
- Croat. chem. Acta = Croatica Chemica Acta (Arhiv za Kemiju) - 19 Marulićev Arg, Zagreb, Croatia, Yugoslavia.
- Cryogenics = Cryogenics. International Journal of Low Temperature Engineering and Research. - Heywood u. Co. Ltd., Drury House, Russell Street, London, W.C. 2.
- Czech. J. Phys. = Czechoslovak Journal of Physics. Czechoslovak Academy of Sciences. Auslieferung: Academia, Vodičkova 40, Praha 1.
- DIN - Mitt. = DIN - Mitteilungen, Zentralorgan der Deutschen Normung. - Beuth-Vertrieb GmbH, Burggrafenstraße 4-7, Berlin 30.
- Deadalus = Deadalus. (Proceedings of the American Academy of Arts and Sciences.) - American Academy of Arts and Sciences, 7 Linden Street, Harvard University, Cambridge, Mass. 02138.
- Dechema-Monogr. = Dechema-Monographien. - Deutsche Gesellsch. f. chem. Apparatewesen, Rheingauallee 25, Frankfurt/Main.
- Demag Nachr. = Demag Nachrichten. - Demag A.G. Duisburg.
- Devel. appl. Spectrosc. = Developments in Applied Spectroscopy. Proceedings of the Annual Symposium on Spectroscopy. - Plenum Press, 227 West 17th Street, New York 11, N.Y.
- Disc. Faraday Soc. = Discussions of the Faraday Society. - Aberdeen Univ. Press, 6 Upper Kirkgate, Aberdeen.
- Dokl. Acad. Sci. USSR, Earth Sci. Sect. = Doklady of the Academy of Sciences U.S.S.R., Earth Science Sections. - American Geological Institute, 1444 N Street, N.W., Washington, D.C. 20005. Russ. Orig. siehe: Dokl. Akad. Nauk SSSR.
- Dokl. Akad. Nauk SSSR = Doklady Akademii Nauk SSSR. - Tscherkassi per. 2, Moskva. (Orig. russ.). Engl. Uebers. siehe: Dokl. Acad. Sci. USSR, Earth Sci. Sect.
- Dräger-Hefte = Dräger-Hefte, Hausmitteilung des Drägerwerkes, Lübeck. - Drägerwerk, Lit. Abtlg., Lübeck.
- Dtsch. Atomforum = Deutsches Atomforum. Schriftenreihe der Deutschen Gesellschaft für Atomenergie e.V. im Deutschen Atomforum, Bonn. - Deutsches Atomforum, Kaiserstr. 201, Bonn.
- Dtsch. hydrogr. Z. = Deutsche hydrographische Zeitschrift. - Deutsches Hydrographisches Institut, Bernhard-Nocht-Str. 78, Hamburg 4.

- Eesti NSV Tead. Akad. Toim. (Füüs., Mat.) = Eesti NSV Teaduste Akadeemia Toimetised - Füüsika, Matematika. - Sakala 3, Tallin (Estn. SSR).
- Electronics = Electronics. - Mc Graw-Hill Publ. Comp., 330 West 42nd St., New York, N. Y. 10036.
- Electron. Fis. apl. = Electronica y Fisica Aplicada. Revista del Centro de Investigaciones Fisicas, Serrano 144, Madrid-6.
- Electron. Power = Electronics and Power. The Journal of the Institution of Electrical Engineers. - Savoy Place, London, W. C. 2.
- Elektrie = Elektrische. - VEB Verlag Technik, Oranienburger Str. 13/14, 102 Berlin.
- Elektron. Datenverarb. = Elektronische Datenverarbeitung. Fachberichte über programmgesteuerte Maschinen u. ihre Anwendung. - Verlag Friedr. Vieweg u. Sohn GmbH, Postfach 185, Braunschweig.
- Elektronik = Elektronik. - Franzis-Verlag, Luisenstr. 17, München 2.
- Elektrotech. Maschinenb. = Elektrotechnik und Maschinenbau. (EuM). Springer-Verl., Mölkerbastei 5, Wien 1.
- Elektrotech. Z. = Elektrotechnische Zeitschrift (ETZ). Ausgabe A u. B. - VDE-Verl., Bismarckstr. 33, Berlin-Charlottenburg 4.
- Elektroteh. Vestnik (jugosl.) = Elektrotehniški Vestnik. - Elektroistitut Univerze, Aškerčeva ul. 11, Ljubljana, Jugoslavija.
- En. Conv. = Energy Conversion. An International Journal. Pergamon Press, Headington Hill Hall, Oxford, Bis Bd. 7 (1967) siehe: Adv. En. Conv.
- Endeavour = Endeavour. - Imperial Chemical Industries Ltd., London, S. W. 1.
- Engng J. Gen. Motors = Engineering Journal General Motors. Adress: Educational Relations Section, Public Relations Staff, General Motors Corporation, General Motors Technical Center, Warren, Michigan 48090.
- Entw.-Ber. Siemens = Entwicklungsberichte der Siemens u. Halske AG, Berlin 13.
- Erdöl - Kohle = Erdöl und Kohle. - Industrieverl. v. Hernhausen, Rödingermarkt 24, Hamburg 11.
- Ergebn. exakt. Naturw. = Ergebnisse der exakten Naturwissenschaften. - Springer-Verl., Heidelberger Platz 3, Berlin 31.
- Ericsson Tech. = Ericsson Technics. - L. M. Ericsson, Stockholm 32.
- Euratom - Ber. = Euratom - Bericht. Euratom-Europäische Atomgemeinschaft. - Presses Académiques Européennes, 98, chaussée de Charleroi, Brüssel 6.
- Exp. Mech. = Experimental Mechanics. Journal of the Society for Experimental Stress Analysis. - 21 Bridge Square, Westport, Conn. 06880, USA.
- Exp. Tech. Phys. = Experimentelle Technik der Physik. VEB Deutscher Verl. d. Wissensch., Taubenstr. 10, 108 Berlin.
- Experientia = Experientia. E. Birkhäuser, Elisabethenstr. 15, Basel 10.
- Explosivstoffe = Explosivstoffe. Zeitschrift für das Spreng-, Schieß-, Zünd-, Brand- und Gasschutzwesen. E. Barth Verlag, Schwetzingen Str. 154, Mannheim.
- Farbe = Die Farbe. - Musterschmidt Verl., Brauweg 40, Göttingen.
- Feingerätetechnik = Feingerätetechnik. - VEB Verlag Technik, Oranienburger Str. 13/14, 102 Berlin.
- Feinwerktechnik = Feinwerktechnik. - C. F. Winter, Postfach 7, Füssen/Bayern.
- Fiz. metall. = Fizika metallov i metallovedenie. - Izdatel'stvo Akademii Nauk SSSR, Sverdlovsk. (Orig. russ.) Engl. Uebers. siehe: Phys. Metals Metallogr.
- Forsch.-Ber. Nordrhein-Westf. = Forschungsberichte des Wirtschafts- und Verkehrsministeriums Nordrhein-Westfalen. - Westdeutscher Verl., Ophovenerstr. 1-3, Opladen/Rhld.
- Forsch. IngWes. = Forschung auf dem Gebiete des Ingenieurwesens. - VDI-Verlag GmbH, Bongardstr. 3, Düsseldorf.
- Forsch. Fortsch. = Forschungen und Fortschritte. - Akademie-Verl., Leipziger Str. 3-4, 108 Berlin.
- Forschungsfilm = Forschungsfilm, Research Film, Film de Recherche. - Institut für den wissenschaftlichen Film, Bunsenstr. 18, Göttingen.
- Forschungsh. M. A. N. = M. A. N. Forschungsheft. (Maschinenfabrik Augsburg-Nürnberg AG, Werk Augsburg.) - E. Kieser, Imhofstr. 13, Augsburg.
- Fortschr. chem. Forsch. = Fortschritte der chemischen Forschung. - Springer-Verl., Heidelberger Platz 3, Berlin 31.
- Fortschr. Hochpolym. - Forsch. = Fortschritte der Hochpolymeren-Forschung. Siehe: Adv. Polym. Sci.
- Fortschr. Phys. = Fortschritte der Physik. Akademie-Verl., Leipziger Str. 3-4, 108 Berlin.
- Fortschr. Röntgenstr. = Fortschritte auf dem Gebiet der Röntgenstrahlen. - G. Thieme, Herdweg 63, Stuttgart-N.
- Fra Fys. Verden = Fra Fysikkens Verden. Norsk Fysisk Tidsskrift. - Fysisk Institutt, Universitet i Oslo, Blindern, Oslo, Norwegen.
- Frequenz = Frequenz. - Fachverl. Schiele u. Schön GmbH, Markgrafenstr. 11, Berlin 61.
- Fys. Tidsskr. = Fysisk Tidsskrift. - Jul. Gjellerup's Boghandel, Sølvgade 87, København K.
- Gas Wasserfach = Gas und Wasserfach. Augs. "Gas" bzw. "Wasser". - R. Oldenbourg Verl., Rosenheimer Str. 145, München 8.
- Geochim. cosmochim. Acta = Geochimica et Cosmochimica Acta. Journal of the Geochemical Society. - Pergamon Press Ltd., 44-01 21st Street, Long Island City, N. Y. 11101. oder Headington Hill Hall, Oxford.
- Geod. Inst. Medd. = Geodaetisk Instituts Meddelelser. - Geodaetisk Institut, København Universitet, Malmøgade 8, København.
- Geod. Inst. Skr. = Geodaetisk Instituts Skrifter. - Geodaetisk Institut, København Universitet, Malmøgade 8, København.
- Geomagn. Aeronomy = Geomagnetism and Aeronomy. (Engl. Uebers. aus: Geomagnetism i Aeronomiya "Akademiiya Nauk SSSR"). - American Geophysical Union, Suite 506, 1145 19th Street, N. W., Washington, D. C., 20036. Russ. Orig. siehe: Geomagn. i Aeronomiya.
- Geomagn. Aeronomiya = Geomagnetism i Aeronomiya. - Akademiya Nauk SSSR, Leninskii prosp. 14, Moskwa. Engl. Uebers. siehe: Geomagn. Aeronomy.
- Geophysics = Geophysics. The Journal of the Society of Exploration Geophysicists. - SEG Headquarters, P. O. Box 1067, Tulsa, Oklahoma 74101.
- Gerlands Beitr. Geophys. = Gerlands Beiträge zur Geophysik. - Akadem. Verlagsges. Geest u. Portig K. - G., Sternwartenstr. 8, 701 Leipzig.
- Glasn. mat., Zagreb = Glasnik Matematički. Serie III von "Glasnik Matematičko-Fizički i Astronomski". (Siehe: Period. mat. - phys. astron. Zagreb.)
- Glass Technol. = Glass Technology. (Society of Glass Technology.) - "Thorn-ton", Hallam Gate Road, Sheffield 10, Yorkshire.
- Glastech. Ber. = Glastechnische Berichte. - Verlag der Deutschen Glastechnischen Gesellschaft, Untermainkai 12, Frankfurt/Main.
- Handb. nat. Bur. Stand. = Handbook of the National Bureau of Standards. - U. S. Government Printing Office, Washington, D. C. 20402.
- Handb. Phys. = Handbuch der Physik. Encyclopedia of Physics. Herausgegeben von S. Flügge. Springer-Verlag, Berlin-Heidelberg-New York.
- Hausmitt. Schneider = Hausmitteilungen Jos. Schneider u. Co., Optische Werke, Bad Kreuznach.
- Hel. phys. Acta = Helvetica Physica Acta. - Birkhäuser-Verl., Basel.
- High Temperature = High Temperature. Engl. Uebers. aus: Teplofizika Vysokikh Temperatur. - The American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017.

Verzeichnis der benutzten Zeitschriften

Hiki, Mitt. Forsch. inst. Fernmeldetech., Budapest = Hiki, Mitteilungen aus dem Forschungsinstitut für Fernmeldetechnik, Budapest.

Hilger J. = Hilger Journal. Hilger a. Watts Ltd, 98 St Pancras Way, Camden Rd., London, N.W. 1.

Hochfrequenztech. Elektroakust. = Hochfrequenztechnik und Elektroakustik. - Akadem. Verlagsges. Geist u. Portig, Sternwartenstr. 8, 701 Leipzig.

IBM - J. Res. Devel. = IBM - Journal of Research and Development. - International Business Machines Corp., 590 Madison Avenue, New York 22, N.Y.

ICSU-Rev. = ICSU-Review. Published quarterly for the International Council of Scientific Unions (ICSU). ICSU Publication Office, c/o The Royal Institution, 21 Albemarle Street, London, W. 1. Elsevier Publishing Company, 110-112 Spuistraat, Amsterdam.

IEEE-J. = IEEE (Institute of Electrical and Electronics Engineers) - Journal of the Professional Groups. - The Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, N.Y. 10017.

IEEE Trans. = IEEE (Institute of Electrical and Electronics Engineers) Transactions of the Professional Groups. - The Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, N.Y. 10017.

IEEE Trans. Power Appl. Syst. = IEEE Transactions on Power Apparatus and Systems. - Institute of Electrical and Electronics Engineers, Inc., 345 East 47th Street, New York, N.Y. 10017.

ISA J. = ISA Journal. Siehe: Instrum. Technol.

Icarus = Icarus. International Journal of the Solar System. - Academic Press Inc., 111 Fifth Avenue, New York, N.Y. 10003.

Indian J. Phys. = Indian Journal of Physics and Proceedings of the Indian Association for the Cultivation of Sciences, 2 and 3 Lady Willingdon Road, Calcutta 32, West Bengal, India.

Indian J. pure appl. Phys. = Indian Journal of Pure and Applied Physics. - Council of Scientific a. Industrial Research, New Delhi - Pergamon Press, Headington Hill Hall, Oxford, England.

Indian J. theor. Phys. = Indian Journal of Theoretical Physics. - The Institute of Theoretical Physics, 18 Ramakanta Bose Street, Calcutta 3, West Bengal, India.

Industr. Engng Chem. = Industrial and Engineering Chemistry (Ia. EC). - American Chemical Society, 1155 Sixteenth Street, N.W., Washington 6, D.C.

Industr. Engng Chem. : Fundamentals = Industrial and Engineering Chemistry (I a. EC) Fundamentals. - American Chemical Society, 1155 Sixteenth Street, N.W., Washington 6, D.C.

Industr. Engng Chem. : Process Design Devel. = Industrial and Engineering Chemistry (Ia. EC) Process Design and Development. - American Chemical Society, 1155 Sixteenth Street, N.W., Washington 6, D.C.

Industr. Engng Chem. : Prod. Res. Devel. = Industrial and Engineering Chemistry (Ia. EC) Product Research and Development. - American Chemical Society, 1155 Sixteenth Street, N.Y., Washington 6, D.C.

Inform. Control. = Information and Control. - Academic Press, 111 Fifth Ave., New York, N.Y. 10003.

Inform. sci. franç. = Informations Scientifiques Françaises. - Direction Générale des Affaires Culturelles et Techniques, Paris.

Informo = Informo. Astronomia-Optika Institucio Universitato de Turku. - (Finnland).

Infrared Phys. = Infrared Physics. - Pergamon Press Ltd., Headington Hill Hall, Oxford, England.

Ingen. - Arch. = Ingenieur-Archiv. - Springer-Verlag, Heidelberger Platz 3, Berlin 31.

Instrum. Control Syst. = Instruments and Control Systems. Rimbach Publications Div. of Chilton Co., 845 Ridge Ave., Pittsburgh, Pa. 15212.

Instrum. Exp. Tech. = Instruments and Experimental Techniques. (Engl. Uebers. aus: Pribory i Tekhnika Eksperimenta-Akademii Nauk SSSR.) - Instrument Society of America, Pittsburgh, Pa. Russ. Orig. siehe: Pribory Tekh. Eksp.

Instrum. Practice, Lond. = Instrument Practice, Automation and Electronics. - United Trade Press Ltd., 9 Gough Square, Fleet Street, London E.C. 4.

Instrum. Technol. = Instrumentation Technology. The Journal of Instrument Society of America. - 530 William Penn Place, Pittsburgh, Pa. 15 219. (Bis einschl. 1966 siehe: ISA-J. = ISA-Journal.)

Int. J. appl. Radiat. Isotopes = International Journal of Applied Radiation and Isotopes. - Pergamon Press, 4 and 5 Fitzroy Square, London W. 1.

Int. J. Electronics = International Journal of Control. Früher "Journal of Electronics and Control". - Taylor a. Francis Ltd., Red Lion Court, Fleet Street, London, E.C. 4.

Int. J. Heat Mass Transfer = International Journal of Heat and Mass Transfer. - Pergamon Press Ltd., Headington Hill Hall, Oxford/England.

Int. J. Solids Struct. = International Journal of Solids and Structures. Pergamon Press Ltd, Headington Hill, Oxford, England (Oxford 64881); 122 East 55th St., New York, N.Y. 10022.

Isotopenpraxis = Isotopenpraxis. Akademie Verlag GmbH, Leipziger Str. 3-4, 108 Berlin.

Israel J. Chem. = Israel Journal of Chemistry. - The Weizmann Science

Press of Israel, P.O. B. 801, 33 King George Ave., Jerusalem.

Israel J. Technol. = Israel Journal of Technology. - Weizmann Science Press of Israel, 33 King George Ave., P.O. B. 801, Jerusalem.

Izv. Acad. Sci. USSR, Atmos. Ocean. Phys. = Izvestiya Academy of Sciences USSR, Atmospheric and Oceanic Physics. (Engl. Uebers. aus: Izvestiya Akademii Nauk SSSR - Fizika Atmosferii i Okeana). - American Geophysical Union, Suite 506, 1145 19th Street, N.W., Washington, D.C. 20036, Russ. Orig. siehe: Izv. Akad. Nauk SSSR, Fiz. Atmos. Okeana.

Izv. Acad. Sci. USSR, Phys. Solid Earth = Izvestiya Academy of Sciences USSR, Physics of the Solid Earth. (Engl. Uebers. aus: Izvestiya Akademii Nauk SSSR - Fizika Semlyi). - American Geophysical Union, Suite 506, 1145 19th Street, N.W., Washington, D.C. 20036, Russ. Orig. siehe: Izv. Akad. Nauk SSSR, Fiz. Semlyi.

Izv. Akad. Nauk azerb. SSR (Ser. fiz. -tekh. matem. Nauk = Izvestiya Akademii Nauk Azerbaidzhanskoi SSR (Seriya Fiziko-Tekhnicheskikh i Matematicheskikh Nauk). Kommunisticheskaya 10, Baku, Azerb. SSR. (Orig. russ.)

Izv. Akad. Nauk SSSR, Fiz. Atmos. Okeana = Izvestiya Akademii Nauk SSSR, Fizika Atmosferii i Okeana. - Akademiya Nauk SSSR, Leninskii prosp. 14, Moskva. (Orig. russ.). Engl. Uebers. siehe: Izv. Acad. Sci. USSR, Atmos. Ocean. Phys.

Izv. Akad. Nauk SSSR, Fiz. Semlyi = Izvestiya Akademii Nauk SSSR, Fizika Semlyi - Akademiya Nauk SSSR, Leninskii prosp. 14, Moskva, (Orig. russ.). Engl. Uebers. siehe: Izv. Acad. Sci. USSR, Phys. Solid Earth.

Izv. Akad. Nauk SSSR, Ser. fiz. = Izvestiya Akademii Nauk SSSR, Seriya fizicheskaya. - Cherkasski per., 2, Moskva. (Orig. russ.). Engl. Uebers. siehe: Bull. Acad. Sci. USSR, Phys. Ser.

Izv. Akad. Nauk SSSR, Ser. geofiz. = Izvestiya Akademii Nauk SSSR, Seriya geofizicheskaya. - Cherkasski per., 2, Moskva, (Orig. russ.). Engl. Uebers. siehe: Bull. Acad. Sci. USSR, Geophys. Ser.

Izv. VUZ Fiz. = Izvestiya Vyskhikh Uchebnykh Zavedenii Rasdel Fizika. - Verlag Universität Tomsk. Anschrift der Redaktion: Tomsk, pl. Revolyutsii, Sibirskii fizikotekhnicheskii Institut, (Orig. russ.).

J. acoust. Soc. Amer. = Journal of the Acoustical Society of America. - American Institute of Physics, 335 East 45th Street, New York, N.Y. 10017.

J. amer. chem. Soc. = Journal of the American Chemical Society. - 1155 Sixteenth St., N.W., Washington 6, D.C.

J. appl. Mech. = Journal of Applied Mechanics - Transactions of the ASME (American Society of Mechanical En-

- ineers), Ser. E. - ASME Headquarters, United Engineering Center, 345 East 47th Street, New York, N. Y. 10017.
- J. appl. Phys. = Journal of Applied Physics. - American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017.
- J. appl. Polym. Sci. = Journal of Applied Polymer Science. - Elsevier Publ. Co., 110-112 Spuistraat, Amsterdam-C.
- J. appl. Spectrosc. = Journal of Applied Spectroscopy. (Engl. Uebers. aus: Zhurnal Prikladnoi Spektroskopii - Akademiya Nauk BSSR.) The Faraday Press Inc., 84 Fifth Avenue, New York, N. Y. 10011. Russ. Orig. siehe: Zh. priklad. Spektrosk.
- J. atmos. Sci. = Journal of the Atmospheric Sciences. - American Meteorological Society, 45 Beacon Street, Boston, Mass. 02108.
- J. atmos. terr. Phys. = Journal of Atmospheric and Terrestrial Physics. - Pergamon Press, 4 and 5 Fitzroy Square, London, W. 1.
- J. Basic Engng = Journal of Basic Engineering - Transactions of the ASME (American Society of Mechanical Engineers), Ser. D. - ASME Headquarters, United Engineering Center, 34 E. 47th Street, New York, N. Y. 10017.
- J. chem. Phys. = Journal of Chemical Physics. - American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017.
- J. chem. Soc. = Journal of the Chemical Society. Section A: Inorganic, Physical, and Theoretical Chemistry; Section B: Physical Organic Chemistry. - Burlington House, London, W. 1.
- J. Chim. phys. = Journal de Chimie Physique et de Physico-Chimie Biologique. - Ecole Nationale Supérieure de Chimie, 11 rue Pierre Curie, Paris (V^e).
- J. Colloid Sci. = Journal of Colloid Science. Siehe: J. Colloid Interface Sci.
- J. Colloid Interface Sci. = Journal of Colloid and Interface Science. Academic Press Inc. 111 Fifth Ave., New York, N. Y. 10003. (früher nur J. Colloid Sci.)
- J. electrochem. Soc. = Journal of the Electrochemical Society. - 216 West 102nd Street, New York 25, N. Y.
- J. Electronier., Tokyo = Journal of Electron Microscopy. Japanese Society of Electron Microscopy. - Electrotechnical Laboratory, Tanashimachi, Kitatama-gun, Tokyo, Japan.
- J. Engng Ind. = Journal of Engineering for Industry - Transactions of the ASME (American Society of Mechanical Engineers), Ser. B. - ASME Headquarters, United Engineering Center, 345 E. 47th Street, New York, N. Y. 10017.
- J. Engng Power = Journal of Engineering for Power - Transactions of the ASME (American Society of Mechanical Engineers), Ser. A. - ASME Headquarters, United Engineering Center, 345 E. 47th Street, New York, N. Y. 10017.
- J. Fac. Engng Univ. Tokyo = Journal of the Faculty of Engineering, University of Tokyo. - Bunkyo-ku, Tokyo.
- J. Fluid Mech. = Journal of Fluid Mechanics. - Cambridge University Press, Bentley House, 200 Euston Road, London, N. W. 1. American Branch: 32 East 57th Street, New York, N. Y. 10022.
- J. Franklin Inst. = Journal of the Franklin Institute. Benjamin Franklin Parkway at 20th St., Philadelphia, Pa. 19103.
- J. geophys. Res. = Journal of Geophysical Research. American Geophysical Union, Suite 506, 1145 19th Street, N. W., Washington, D. C. 20036.
- J. Heat Transfer = Journal of Heat Transfer - Transactions of the ASME (American Society of Mechanical Engineers), Ser. C. - ASME Headquarters, United Engineering Center, 345 E. 47th Street, New York, N. Y. 10017.
- J. Inst. Electron. Commun. Eng. Japan = The Journal of the Institute of Electronics and Communication Engineers of Japan. - The Institute of Electronics and Communication Engineers of Japan, Kikai Shinko Kaikan Bldg., 21-1-5, Shiba Park, Minatoku, Tokyo. (Orig. jap.)
- J. Lubric. Technol. = Journal of Lubrication Technology - Transactions of the ASME (American Society of Mechanical Engineers), Ser. F. - ASME Headquarters, United Engineering Center, 345 E. 47th Street, New York, N. Y. 10017.
- J. Madras Univ. (B) = Journal of the Madras University. Contributions in Mathematics, Physical and Biological Sciences. - University of Madras, Botany Laboratory, Madras - 5, India.
- J. Math. Mech. = Journal of Mathematics and Mechanics. (Formerly the Journal of Rational Mechanics and Analysis). - Department of Mathematics, Indiana University, Bloomington, Indiana 47401. (früherer Titel: J. rat. Mech. Anal.)
- J. math. Phys. = Journal of Mathematical Physics. - The American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017.
- J. Mech. Phys. Solids = Journal of the Mechanics and Physics of Solids. - Pergamon Press, 4 and 5 Fitzroy Square, London, W. 1.
- J. mol. Spectrosc. = Journal of Molecular Spectroscopy. - Academic Press, 125 East 23rd Street, New York 10, N. Y.
- J. nucl. En. = Journal of Nuclear Energy. - Pergamon Press Ltd., Headington Hill Hall, Oxford.
- J. nucl. Mat. = Journal of Nuclear Materials. - North-Holland Publishing Company, P. O. Box 103, Amsterdam.
- J. nucl. Sci. Technol. = Journal of Nuclear Science and Technology. - Published by Atomic Energy Society of Japan, c/o Japan Atomic Energy Research Institute; 1-1, Shiba-Tamura-cho, Minato-ku, Tokyo, Japan.
- J. opt. Soc. Amer. = Journal of the Optical Society of America. - American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017.
- J. fotogr. Sci. = Journal of Photographic Science. - The Royal Photographic Society of Great Britain, 16 Princes Gate, London, S. W. 1.
- J. Phys. = Journal de Physique. - La Société Française de Physique, Administration: 33, rue Croulebarbe, Paris 13^e. Bis einschl. 1962 erschienen als: J. Phys. Radium.
- J. Phys., Suppl. = Journal de Physique. (Supplément) Siehe: Rev. Phys. appl. = Revue de Physique Appliquée. Supplément au Journal de Physique.
- J. phys. Chem. = The Journal of Physical Chemistry. - American Chemical Society, 1155 Sixteenth Street N. W., Washington 6, D. C.
- J. Phys. Chem. Solids = Journal of the Physics and Chemistry of Solids. - Pergamon Press, 4 and 5 Fitzroy Square, London W. 1.
- J. phys. Soc. Japan = Journal of the Physical Society of Japan. Physical Society of Japan, Room No. 211, Kikai-Shinko Building, 21 Shiba-Koen, Minato-ku, Tokyo.
- J. Plasma Phys. = Journal of Plasma Physics. - Cambridge University Press, Bentley House, 200 Euston Road, London N. W. 1.
- J. Polym. Sci. = Journal of Polymer Science. Part A-1: Polymer Chemistry, Part A-2: Polymer Physics, Part B: Polymer Letters, Part C: Polymer Symposia. - Interscience Publishers, a Division of John Wiley & Sons, Inc., 605 Third Ave., New York, N. Y. 10016.
- J. quant. Spectrosc. radiat. Transfer = Journal of Quantitative Spectroscopy and Radiative Transfer. - Pergamon Press Ltd., Headington Hill Hall, Oxford, England.
- J. Res. nat. Bur. Stand. = Journal of Research of the National Bureau of Standards. - Section A.: Physics and Chemistry, Section B.: Mathematics and Mathematical Physics, Section C.: Engineering and Instrumentation. - U. S. Government Printing Office, Washington, D. C. 20402.
- J. sci. industr. Res. = Journal of Scientific and Industrial Research. - Council of Scientific and Industrial Research, Old Mill Road, New Delhi 2, India. Auslieferung: Pergamon Press, Oxford-London-Paris-Frankfurt-New York.
- J. sci. Instrum. = Journal of Scientific Instruments. Institute of Physics, 47 Belgrave Square, London, S. W. 1.
- J. Sound Vib. = Journal of Sound and Vibration. - Academic Press Inc., Berkeley Square, London, W. 1.
- J. Vacuum Sci. Technol. = The Journal of Vacuum Science and Technology. Amer-

- ican Vacuum Society. - Published by the American Institute of Physics, 335 E. 45th Street, New York, N. Y. 10017.
- JETP Letters = JETP Letters (Engl. Uebers. aus; Zhurnal Eksperimentalnoi i Teoreticheskoi Fiziki - Pisma v Redaktsiyu Akademiyi Nauk SSSR.) - American Institute of Physics, 335 E. 45th Street, New York, N. Y. 10017. Russ. Orig. siehe: Zh. eksp. teor. Fiz. Pisma v Red.
- Jap. J. appl. Phys. = Japanese Journal of Applied Physics. - No. 342, Physics Building, Faculty of Science, University of Tokyo, Bunkyo-ku, Tokyo.
- Jb. Akad. Wiss. Lit. Mainz = Jahrbuch der Akademie der Wissenschaften und der Literatur. - Gaust. 104, Mainz.
- Jb. dtsh. Ges. Chronom. = Jahrbuch der Deutschen Gesellschaft für Chronometrie. - Königstr. 1b, Stuttgart-N.
- Jb. Stifterverband = Jahrbuch Stifterverband für die Deutsche Wissenschaft. - Stifterverband für die Deutsche Wissenschaft E. V., Brucker Holt 42/46, Essen-Bredeney.
- Jb. Univ. Sofia, Fak. Phys. = Jahrbuch, Universität Sofia, Fakultät Physik.
- Jb. wiss. Ges. Luftf. = Jahrbuch der Wissenschaftlichen Gesellschaft für Luftfahrt e. V., Bohlweg 1-2, Braunschweig.
- Jena Jb. = Jenaer Jahrbuch. (Wiss. Veröff. des VEB Carl Zeiss in Jena.) - Auslieferung: VEB G. Fischer Verl., Villengang 2, Jena.
- Jena Nachr. = Jena Nachrichten. - VEB Gustav Fischer Verlag, Jena.
- K. tek. Högsk. Handl. = Kongliga Tekniska Högskolans Handlingar. - (Transactions of the Royal Institute of Technology.) - Stockholm.
- Kältetechnik = Kältetechnik - Klimatisierung. Zeitschrift für das gesamte Gebiet der Kälte-Erzeugung, Kälteanwendung und Klimatisierung. - Verlag C. F. Müller, Postfach 210729, Karlsruhe 21.
- Kernenergie = Kernenergie. Zeitschrift für Kernforschung und Kerntechnik. - Akademie Verlag GmbH, Leipziger Str. 3-4, 108 Berlin.
- Kerntechnik = Kerntechnik. - Verlag K. Thieme, Pilgersheimer Str. 38, München 9.
- Kolloid-Z. u. Z. Polymere = Kolloid-Zeitschrift und Zeitschrift für Polymere. - Dr. Dietrich Steinkopf Verlag, Saalbaustr. 12, Darmstadt.
- Kristallografiya = Kristallografiya. - Akademiya Nauk SSSR. (Orig. russ.) Engl. Uebers. siehe: Soviet Phys. - Cryst.
- Kunststoffe = Kunststoffe. - Carl Hanser Zeitschriftenverlag, Leonhard-Eck-Str. 7, München 27.
- Kunststoff-Rdsch. = Kunststoff-Rundschau. - Brunke Garrels, Borgfelder Str. 33, Hamburg 26.
- Kybernetik = Kybernetik. Zeitschrift für Nachrichtenübertragung, Nachrichtenverarbeitung, Steuerung und Regelung im Organismus und in Automaten. - Springer-Verlag, Heidelberger Platz 3, Berlin 31.
- Lect. theor. Phys. = Lectures in Theoretical Physics. - Lectures delivered at the Summer Institute for Theoretical Physics, University of Colorado, Boulder. - The University of Colorado Press, Regent Hall, Room 206, Boulder, Colo. 80304.
- Leitz-Mitt. = Leitz-Mitteilungen für Wissenschaft und Technik. - Ernst Leitz GmbH, Wetzlar. Herausg.: Umschau Verlag Breidenstein KG, Frankfurt/Main.
- Leybold-Welle = Die Leybold-Welle. Zeitschrift für Freunde der Physik. E. Leybold's Nachf., Bonner Str. 504, Köln-Bayenthal.
- Lichttechnik, Berl. = Lichttechnik. - Helios-Verlag GmbH, Eichborndamm 141-167, 1 Berlin 52.
- Liet. fiz. Rink. = Lietuvos Fizikos Rinkiny. Lietuvos TSR Mokslu Akademiya. - Litovskii Fizicheskii Sbornik. Akademiya Nauk Litovskoy SSSR, Vilnius.
- Linde Ber. = Linde Berichte aus Technik und Wissenschaft. - Linde AG, Hildastr. 2-10, Wiesbaden.
- Magnetohydrodyn., Riga = Magnetohydrodynamik (Magnitnaya Gidrodinamika). Akademiya Nauk Latvii SSR. (Orig. russ.) - Izdatelstvo "Sinatne": Riga, GSP, ul. Turgeneva, 19.
- Mat. fys. Medd. dan. vid. Selsk. = Matematik-fysiske Meddelelser udgivet af det Kongelige Danske Videnskabernes Selskab. - Dantes Plads 5, Copenhagen 5.
- Mat. fys. Skr. dan. vid. Selsk. = Matematisk-fysiske Skrifter udgivet af det Kongelige Danske Videnskabernes Selskab. - Dantes Plads 5, Copenhagen 5.
- Mat. Res. Stand. = Materials Research and Standards. Bulletin of American Society for Testing Materials (ASTM). - 1916 Race St., Philadelphia, Pa. 19103.
- Materialprüfung = Materialprüfung. Materials Testing. Matériaux: Essais et Recherches. (Deutscher Verband für Materialprüfung). - VDI-Verlag, Düsseldorf.
- Math. - phys. Semesterber. = Mathematisch-Physikalische Semesterberichte. - Vandenhoeck u. Ruprecht, Theaterstraße 13. Göttingen.
- Measurement Tech. = Measurement Techniques. (Engl. Uebers. aus: Izmeritel'naya Tekhnika - Akademiya Nauk SSSR. - Instrument Society of America, 530 William Penn Place, Pittsburgh, Pa. 15219.
- Mech. Engng = Mechanical Engineering. - American Society of Mechanical Engineers, 29 West 39th Street, New York 18.
- Mem. Fac. Engng Osaka Univ. = Memoirs of the Faculty of Engineering Osaka City University. - Nishioigimachi, Kitaku, Osaka, Japan.
- Mém. sci. Rev. Métall. = Les Mémoires Scientifiques de la Revue de Métallurgie. - Auslieferung: Ermès Publicité, 29 rue Corneille, Montgeron (Essone).
- Mém. Soc. Sci. Liège = Mémoires de la Société Royale des Science de Liège. - L'Université, 7 Place du 20 Août, Liège.
- Mes. Régulat. Automat. = Mesures, Régulation, Automatismes. Revue mens. - Comité d'Éditions Techniques, 40, rue du Colisée, Paris-8^e. (Bis einschl. 1963; Mes. Contrôle industrie. = Mesures et Contrôle Industriel.).
- Messen-Steuern-Regeln = messen, steuern-regeln. Technisch-wissenschaftliche Zeitschrift für die Automatisierungstechnik. - VEB-Verlag Technik, Oranienburger Straße 13-14, 102 Berlin.
- Messtechnik (Z. Instrum. -Kde) = Messtechnik - Mit Mitteilungen der VDE/VDI - Fachgruppe Meßtechnik. Verlag Friedr. Vieweg u. Sohn GmbH, Braunschweig. (Bis einschl. 75. Jahrgang (1967) siehe: Z. Instrum. -Kde).
- Met. Rdsch. = Meteorologische Rundschau. - Springer-Verl., Heidelberger Platz 3, Berlin 31.
- Metall = Metall. Wirtschaft, Wissenschaft, Technik. - Metall - Verl., Düsseldorf Str. 38, Berlin 15.
- Metalloberfläche = Metalloberfläche. Carl Hanser Zeitschriftenverlag, Leonhard-Eck-Str. 7, München 27.
- Metrol. apl. = Metrologia Aplicata. Directia Generala Pentru Metrologie, Standarde si Inventii. - Editura de Stat Pentru Imprimare si Publicatii, Str. Brezoiianu 23-25, Bucuresti.
- Metrologia = Metrologia. Internationale Zeitschrift für wissenschaftliche Metrologie. - Springer-Verlag, Heidelberger Platz 3, Berlin 31.
- Microtecnic = Microtecnic. Internationale Zeitschrift für mechanische Produktionstechnik, Präzisionstechnik, wissenschaftliche und industrielle Metrologie, Prüfung, angewandte Optik, industrielle Elektronik und Kernphysik. - Verlag Scripta S. A., 23, avenue de la Gare, 1001 Lausanne (Schweiz).
- Misc. Publ. nat. Bur. Stand. = Miscellaneous Publications of the National Bureau of Standards. - U. S. Government Printing Office, Washington, D. C. 20402.
- Mitt. Max-Planck-Ges. = Mitteilungen der Max-Planck-Gesellschaft zur Förderung der Wissenschaften. - Bunsenstr. 10, Göttingen.
- Mitt. Max-Planck-Inst. Aeronomie = Mitteilungen aus dem Max-Planck-Institut für Aeronomie. Lindau/Ob. Northeim (Han.). (Selbstverlag).

- Mitt. Max-Planck-Inst. Strömungsf. = Mitteilungen aus dem Max-Planck-Institut für Strömungsforschung und der Aerodynamischen Versuchsanstalt, Göttingen. - (Selbstverlag).
- Mitt. Tech. Univ. Schwerind., Miskolc = Mitteilungen der Technischen Universität für Schwerindustrie Miskolc, Ungarn.
- Mol. Phys. = Molecular Physics. - Taylor & Francis, Red Lion Court, Fleet Street, London E. C. 4.
- Monatsber. dtsh. Akad. Wiss. Berlin = Monatsberichte der deutschen Akademie der Wissenschaften zu Berlin. Mitteilungen aus Mathematik, Naturwissenschaft, Medizin und Technik. Akademie-Verlag, Berlin, Leipziger Str. 3-4, 108 Berlin.
- Mon. Not. roy. astron. Soc. = Monthly Notices of the Royal Astronomical Society. - Burlington House, London, W. 1.
- NBS spec. Publ. = National Bureau of Standards Special Publication. - Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402. Fortsetzung von: Circ. nat. Bur. Stand.
- NEC Res. Devel. = NEC Research and Development. - Nippon Electric Co., Ltd., 7-15, Shiba Gochome, Minato-ku, Tokyo, Japan
- Nachr. Akad. Wiss. Göttingen = Nachrichten der Akademie der Wissenschaften in Göttingen. II. Mathematisch-physikalische Klasse. IIa. Mathematisch-physikalisch-chemische Abteilung. - Vandenhoeck und Ruprecht, Göttingen.
- Nachrichtentech. Fachber. = Nachrichtentechnische Fachberichte (NTF), Beihefte der NTZ. - Verlag Fr. Vieweg u. Sohn GmbH, Postfach 185, Braunschweig.
- Nachrichtentech. Z. = Nachrichtentechnische Zeitschrift (NTZ). - Verlag Fr. Vieweg u. Sohn GmbH, Postfach 185, Braunschweig.
- Nachrichtentechnik = Nachrichtentechnik, Technisch-wissenschaftliche Zeitschrift für Elektronik, Elektroakustik, Hochfrequenz- und Fernmeldetechnik. - VEB Verlag Technik, Oranienburger Str. 13-14, 102 Berlin.
- Nat. Bu. Stand. Monogr. = National Bureau of Standards Monograph. - Superintendent of Documents, U. S. Gov. Print. Office, Washington, D. C. 20402.
- Nat. Stand. Ref. Data Ser. (NBS) = National Standard Reference Data Series. National Bureau of Standards. NSRDS-NBS. - United States Department of Commerce. National Bureau of Standards, Washington, D. C.
- Nature, Lond. = Nature. - Macmillan and Co., St. Martin's Street, London, W. C. 2.
- Naturwissenschaften. = Die Naturwissenschaften. - Springer-Verl., Heidelberger Platz 3, Berlin 31.
- Ned. Tijdschr. Natuurk. = Nederlands Tijdschrift voor Natuurkunde. - Bijhouwerstraat 6, Utrecht.
- New Scientist = New Scientist. The Technology of Chaos. - Cromwell House - Fulwood Place - High Holborn - London WC 1.
- Nickel-Berichte = Nickel-Berichte. - International Nickel Deutschland GmbH, Postf. 5929, Düsseldorf 1.
- Notas Fis. Cent. bras. Pesq. fis. = Notas de Física. Centro Brasileiro de Pesquisas Físicas. - Av. Wenceslau Braz 71, Rio de Janeiro, Brasilien.
- Notes appl. Sci. Nat. Phys. Lab. = Notes on Applied Science. (National Physical Laboratory, Teddington, Middlesex) - Her Majesty's Stationery Office, Kingsway, London, W. C. 2.
- Nucl. Engng = Nuclear Engineering. - Temple Press, Bowling Green Lane, London, E. C. 1.
- Nucl. Fusion = Nuclear Fusion. Journal of Plasma Physics and Thermodynamic Fusion. - International Atomic Energy Agency, Kärtner Ring 11, Wien.
- Nucl. Instrum. = Nuclear Instruments. - North-Holland Publishing Comp., P. O. Box 103, Amsterdam.
- Nucl. Phys. = Nuclear Physics. - North-Holland Publ. Comp., P. O. Box 103, Amsterdam.
- Nucl. Sci. Engng = Nuclear Science and Engineering. Journal of the American Nuclear Society. - Academic Press, 125 East 23rd Street, New York 10, N. Y.
- Nucleonics = Nucleonics. - McGraw-Hill Publ. Co., 330 W. 42nd Street, New York 36.
- Nukleonik = Nukleonik. - Springer-Verlag., Heidelberger Platz 3, Berlin 31.
- Nukleonika = Nukleonika, (Polska Akademia Nauk.) - Palac Kultury i Nauki, Warszawa.
- Nuovo Cim. = Il Nuovo Cimento, Rivista Internazionale, Organo della Società italiana di Fisica, Abschn. A u. B. - Auslieferung: Editrice Compositori, via degli Andalò, 2, Bologna.
- Oest. IngArch. = Oesterreichisches Ingenieurarchiv. - Ab 1965 siehe: Acta Mech. = Acta Mechanica.
- Onde élect. = L'Onde Electrique. - Société Française des Electroniciens et des Radioélectriciens. Auslieferung: Editions Chiron S. A., 40 rue de Seine, Paris VI^e.
- Opt. Acta = Optica Acta, (International Optical Commission of the International Union of Pure and Applied Physics.) - Société de la Revue d'Optique, 3 et 5 Boulevard Pasteur, Paris XV^e.
- Opt. Spectrosc. = Optics and Spectroscopy. Academy of Sciences USSR. (Engl. Uebers. aus: Optika i Spektroskopiya, Akademiya Nauk SSSR.) - American Institute of Physics, 335 E. 45th Street, New York, N. Y. 10017. (Russ. Orig. siehe: Opt. Spektrosk.)
- Opt. Spektrosk. = Optika i Spektroskopiya - Akademiya Nauk SSSR, Cherkasski per. 2, Moskva. (Orig. russ.). Engl. Uebers. siehe: Opt. Spectrosc.
- Optik, Stuttgart = Optik. - Wissenschaftliche Verlagsgesellschaft, Postfach 40, Stuttgart 1.
- Oyo Buturi = Oyo Buturi. (The Society of Applied Physics, Japan.) - The Department of Applied Physics, Faculty of Engineering, University of Tokyo 1, Motofujicho, Bunkyo-ku, Tokyo. (Forts. von: J. appl. Phys., Japan.)
- P. O. elect. Engrs' J. = The Post Office Electrical Engineers' Journal, G. P. O., 2-12 Gresham Street, London, E. C. 2.
- PTB-Mitt. = PTB - Mitteilungen. Amts- und Mitteilungsblatt der Physikalisch-Technischen Bundesanstalt Braunschweig-Berlin. - Friedr. Vieweg u. Sohn GmbH, Postfach 185, Braunschweig.
- P. V. Com. int. Poids Mes. = Procès-Verbaux des Séances du Comité International des Poids et Mesures. Gauthier-Villars Editeur du Bureau International des Poids et Mesures, 55, Quai des Grands-Augustins, Paris.
- Period. math. - phys. astron., Zagreb = Periodicum mathematico-physicum et astronomicum (Glasnik matematičko-fizički i astronomski). - Društvo Matematičara i Fizičara (Societas mathematicorum et physicorum Croatiae), Marulicev trg 19, Zagreb.
- Period. polytech., chem. Engng = Periodica Polytechnica, Chemical Engineering. - Postfach 440, Budapest 62.
- Period. polytech., elect. Engng = Periodica Polytechnica, Electrical Engineering. - Postfach 440, Budapest 62.
- Period. polytech., Engng - Masch. - u. Bauw. = Periodica Polytechnica: Engineering-Maschinen- und Bauwesen. - Postfach 440, Budapest 62.
- Phil. Mag. = Philosophical Magazine. - Taylor and Francis, Red Lion Court, Fleet Street, London, E. C. 4.
- Phil. Trans = Philosophical Transactions of the Royal Society of London. Series A: Mathematical and Physical Sciences. - Burlington House, London, W. 1.
- Philips Res. Rep. = Philips Research Reports. - Philips' Gloeilampenfabriken, Eindhoven.
- Philips Res. Rep. Suppl. = Philips Research Reports Supplements. - Philips' Gloeilampenfabriken, Eindhoven.
- Philips tech. Rdsch. = Philips technische Rundschau. Philips' Gloeilampenfabriken, Eindhoven.
- Photogr. Korr. = Photographische Korrespondenz. - Verl. Dr. O. Helwich, Liechtensteinstr. 39, Wien IX/68; Hoffmannstr. 59, Darmstadt.
- Phys. Bl. = Physikalische Blätter. Physik-Verlag, Mosbach/Baden.

Verzeichnis der benutzten Zeitschriften

Physics = Physics-Physique-Fizika. - Physics Publishing Company, 122 East 55th Street, New York, N.Y. 10022.

ys. Chem. Glass. = Physics and Chemistry of Glasses. Society of Glass Technology, "Thornton" Hallam Gate Road, Cheffield 10, Yorkshire.

ys. Fluids = The Physics of Fluids. - American Institute of Physics, 335 East 45th Street, New York, N.Y. 10017.

ys. kondens. Materie = Physik der kondensierten Materie. - Springer Verlag, Heidelberger Platz 3, Berlin 31.

ys. Letters = Physics Letters. - North-Holland Publ. Company, P.O. Box 108, Amsterdam, Netherlands.

ys. Metals Metallogr. = Physics of Metals and Metallography. (Engl. Uebers. aus: Fizika metallov i metallovedenie - Izdatel'stvo Akademii Nauk SSSR.) - Pergamon Press, Headington Hill Hall, Oxford, England. Russ. Orig. siehe: Fiz. metall.

ys. norvegica = Physica Norvegica. Norwegian Academy of Science and Letters. - Universitetsforlaget, Niels Juels gt. 16, Oslo.

ys. Rev = Physical Review. (The American Physical Society.) - The American Institute of Physics, 335 East 45th Street, New York, N.Y. 10017.

ys. Rev. Letters = Physical Review Letters. - American Institute of Physics, 335 East 45th Street, New York, N.Y. 10017.

ys. status solidi = Physica status solidi. - Akademie-Verlag, Leipziger Str. 3-4, 108 Berlin.

ys. Today = Physics Today. - The American Institute of Physics, 335 East 45th Street, New York, N.Y. 10017.

ysica = Physica. The Hague. N. V. Martinus Nijhoff's Boekhandel en Uitgevers-Maatschappij, Lange Voochut 9, 's-Gravenhage, Niederlande.

net. Space Sci. = Planetary and Space Science. - Pergamon Press, 122 East 55th Street, New York 22, N.Y.

sma Phys. = Plasma Physics - Accelerators - Thermonuclear Research. (J. nucl. Energy, Pt. C) - Pergamon Press, Headington Hill Hall, Oxford, England.

tug. Phys. = Portugaliae Physica. Centros de Estudos de Fisica das Universidades Portuguesas, Instituto de Alta Cultura. - Laboratoire de Fisica da Faculdade de Ciências, Rua da Escola Politécnica, Lisboa-2, Portugal.

tepy Fiz. = Postepy Fizyki. - Polskie Towarzystwo Fizyczne, Hoza 69, Warszawa.

nce Inst. Tele Radiotech., Warszawa = Prace Instytutu Tele- i Radiotechnicznego, Warszawa. - Redakcja: Instytut Tele- i Radiotechniczny, ul. Ratuszowa 10, Warszawa 4.

bory Tekh. Eksp. = Pribery i Tekhnika Eksperimenta - Akademii Nauk SSSR. - Meshdunarodnaya Kniga, Moskva. (Orig. russ.) Engl. Uebers. siehe: Instrum. Exp. Tech.

Priklad. Mat. Mech. = Prikladnaya matematika i mekhanika - Akademii Nauk SSSR, Cherkasskii per., 2, Moskva.

Proc. Camb. phil. Soc. = Proceedings of the Cambridge Philosophical Society. - Cambridge University Press, Bentley House, 200 Euston Road, London, N.W. 1.

Proc. IEEE = Proceedings of the IEEE (Institute of Electrical and Electronics Engineers). - The Institute of Electrical and Electronics Engineers, Inc., Box A, Lenox Hill Station, New York 21, N.Y.

Proc. Indian Acad. Sci. = Proceedings of the Indian Academy of Sciences, Section A. - Bangalore.

Proc. Inst. elect. Engrs. Lond. = Proceedings of the Institution of Electrical Engineers. - Savoy Place, London, W.C. 2.

Proc. int. Comm. Glass., Lond. = Proceedings of the International Commission on Glasses. - Butterworths Scientific Publication, 88 Kingsway, London, W.C. 2.

Proc. K. ned. Akad. Wetensch. = Proceedings Koninklijke Nederlandse Akademie van Wetenschappen. Proceedings of the Royal Academy of Sciences, Amsterdam. Series B (Physical Sciences). - North Holland Publ. Comp., N.Z. Voorburgwal 68 bis 70, Amsterdam.

Proc. nat. Acad. Sci., Wash. = Proceedings of the National Academy of Sciences of the United States of America. - The University of Chicago Press 5750 Ellis Ave., Chicago 37, Illinois.

Proc. nat. Inst. Sci., India = Proceedings of the National Institute of Sciences of India. Part. A: Physical Sciences. - Mathura Road, New Delhi.

Proc. phys. Soc., Lond. = Proceedings of the Physical Society. - 1 Lowther Gardens, Prince Consort Road, London, S.W. 7.

Proc. roy. Irish Acad. = Proceedings of the Royal Irish Academy. - Hodges, Figgis, 6 Dawson Street, Dublin; Williams and Norgate, 36 Great Russell Street, London, W.C. 1.

Proc. roy. Soc. = Proceedings of the Royal Society of London. Series A (Mathematical and Physical Sciences). - Burlington House, London, W. 1.

Process Contr. Autom. = Process Control and Automation. - The Colliery Guardian Co., 30 and 31 Furnival Street, London, S.E. 4.

Proc. (Trudy) P. N. Lebedev Phys. Inst. = Proceedings (Trudy) of the P. N. Lebedev Physics Institute. (Engl. Uebers. aus dem Russischen). - Consultants Bureau, New York, N.Y.

Progr. Biophys. = Progress in Biophysics and Molecular Biology. - Pergamon Press Ltd., 4 and 5 Fitzroy Square, London, W. 1.

Progr. element. Particle Cosmic Ray Phys. = Progress in Elementary and Cosmic Ray Physics. - North-Holland Publ. Co. N.Z. Voorburgwal 68-70, Amsterdam C.

Progr. IR Spectrosc. = Progress in Infrared Spectroscopy. - Plenum Press, 227 W.

17th Street, New York, N.Y. 10011.

Progr. Low Temp. Phys. = Progress in Low Temperature Physics. - North-Holland Publishing Co., P.O. Box 103, Amsterdam-C.

Progr. nucl. Phys. = Progress in Nuclear Physics. - Pergamon Press, 4 and 5 Fitzroy Square, London, W. 1.

Progr. Opt. = Progress in Optics. - North-Holland Publishing Company, Amsterdam.

Progr. Semiconductors = Progress in Semiconductors. - Heywood & Co. Ltd., London.

Progr. theor. Phys., Kyoto = Progress of Theoretical Physics. - Yukawa Hall, Kyoto University, Kyoto, Japan.

Pubbl. Oss. geofis. Trieste = Pubblicazioni dell'Osservatorio Geofisico di Trieste. - Osservatorio Geofisico, Viale R. Gesi 4, Trieste.

Publ. astron. Soc. Japan = Publications of the Astronomical Society of Japan. - Tokyo Astronomical Observatory, Mitaka, Tokyo.

Publ. astron. Soc. Pacif. = Publications of the Astronomical Society of the Pacific. - The Astronomical Society of the Pacific, c/o California Academy of Sciences, Golden Gate Park, San Francisco, California 94118.

Publ. elekt. Fak. Univ. Beograd, Ser. Mat. Fiz. = Publikacije elektrotehničkog Fakulteta Univerziteta u Beogradu. Serija matematika i fizika. - Département mathématique, Faculté de l'Electrotechnique, boîte postale 816, Belgrade, Yougoslavie.

Quart. J. roy. astron. Soc. = Quarterly Journal of the Royal Astronomical Society. - The Royal Astronomical Society, Burlington House, London, W. 1.

R. C. A. Rev. = RCA Review. - Radio Corporation of America, RCA Laboratories Division, Princeton, New Jersey 08540.

Radiat. Res. = Radiation Research. - Academic Press Inc., 111 Fifth Avenue, New York 3, N.Y.

Radiol. austr. = Radiologia Austriaca. (Oesterreich. Röntgen-Gesellschaft.) - Verlag Urban- und Schwarzenberg GmbH, Frankgasse 4, Wien IX.

Radio Sci. = Radio Science - U.S. Department of Commerce, Washington, D.C. 20402. (Früher Radio Science, Section D, Journal of Research, National Bureau of Standards.)

Radiotekh. Elektronika = Radiotekhnika i Elektronika. - Akademii Nauk SSSR, Cherkasskii per. 2, Moskva. (Orig. russ.).

Radovi Zavoda Fiz., Univ. Beograd = Radovi Zavoda za Fiziku, Univerzitet u Beogradu; Zavod za Fiziku Tehničkih Fakulteta u Beogradu. Herausgeber: Zavod za Fiziku Tehničkih Fakulteta u Beogradu, ul. Ruzveltova 1a/I.

Raumfahrtforschung = Raumfahrtforschung. - Deutsche Gesellschaft f. Raketentechn.

nik u. Raumfahrt, Am Glockenbach 12, München 5.

Reactor Sci. Technol. = Reactor Science and Technology. Siehe: J. nucl. En. = Journal of Nuclear Energy.

Regelungstech. Praxis = Regelungstechnische Praxis, Steuern, Regeln und Automatisieren im Betrieb. (mit "Der Meß- und Regelmechaniker"). Verlag R. Oldenbourg, Rosenheimer Str. 145, München 8.

Regelungstechnik = Regelungstechnik. - R. Oldenbourg, Rosenheimer Str. 145, München 8.

Rep. J. Stefan Inst. (jugosl.) = Reports of the "J. Stefan" Institute. - P. O. Box 199, Ljubljana, Yugoslavia.

Rep. nat. Res. Lab. Metrol. (Japan) = Report of the National Research Laboratory of Metrology. - 3569, 6 - Chome, Itabashi-Machi, Itabashi-ku, Tokyo, Japan.

Rep. NRL Progr. = Report of NRL Progress. (U. S. Naval Research Laboratory.) - U. S. Dept. of Commerce, Clearinghouse for Federal Scientific and Technical Information, Springfield, Virginia 22151.

Rep. Progr. Phys. = Reports on Progress in Physics. Published by the Institute of Physics and the Physical Society, 47 Belgrave Square, London, S. W. 1. Editorial Office: 1 Lowther Gardens, Prince Consort Road, London, S. W. 7.

Res. J. Hindi Sci. Acad. = Research Journal of the Hindi Science Academy. - Vijnana Parishad, Allahabad, India. (Orig. Hindu, Zfg. in Englisch.).

Research, Lond. = Research, Science and its Application in Industry. - Butterworths Scientific Publications, 88 Kingsway, London, W. C. 2.

Rev. Cie. apl. = Revista de Ciencia Aplicada. - Serrano, 150 (Apartado de Correos 743), Madrid.

Rev. elect. Commun. Lab. = Review of the Electrical Communication Laboratory. - Nippon Telegraph and Telephone Public Corporation, 1551, Kitizyôzi, Musasino-si, Tôkyô, Japan.

Rev. Fac. Sci. Univ. Istanbul = Revue de la Faculté des Sciences de l'Université d'Istanbul (Istanbul Üniversitesi Fen Fakültesi Mecmuası). Serie C (Astronomie, Physique, Chimie). Beyazıt, Istanbul, Türkei.

Rev. gén. Elect. = Revue Générale de l'Electricité. Organe de la Société Française des Electriciens. - S. N. Mercure, 4, place Franz-Liszt, Paris 10^e.

Rev. Geofis. = Revista de Geofísica. - Instituto Nacional de Geofísica, Serrano 161, Madrid.

Rev. Geophys. = Reviews of Geophysics including Papers on Planetary Sciences. - American Geophysical Union, Suite 506, 1145 19th Street, Northwest, Washington, D. C. 20036.

Rev. haut. Temp. Réfract. = Revue des Hautes Températures et des Réfractaires. - Masson et Cie, Éditeurs, 120, Boulevard Saint-Germain, Paris-6^e.

Rev. Méc. appl., Bukarest = Revue de Mécanique Appliquée. - Siehe: Rev. room. Sci. tech. Méc. appl.

Rev. Métrol. prat. = Revue de Métrologie Pratique et Légale. - 120, rue de la Tour, Paris XVI^e.

Rev. mex. Fis. = Revista Mexicana de Física. Sociedad Mexicana de Física. - Apartado Postal No. 31364, Mexico 20, D. F., Mexico.

Rev. mod. Phys. = Reviews of Modern Physics. (The American Physical Society.) - The American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017.

Rev. Opt. (théor. instrum.) = Revue d'Optique (théorique et instrumentale). - 3 et 5 Boulevard Pasteur, Paris XV^e.

Rev. Phys. appl. = Revue de Physique Appliquée. Supplément au Journal de Physique. - La Société Française de Physique. Administration: 33, rue Croulebarbe, Paris 13^e.

Rev. Plasma Phys. = Reviews of Plasma Physics. (Engl. Uebers. aus dem Russischen.) Consultants Bureau Enterprises, Inc., 227 W. 17th St., New York, N. Y. 10011.

Rev. room. Phys. = Revue Romaine de Physique. Editions de l'Académie de la République Socialiste de Roumaine. Auslieferung: CARTIMEX, Boîte postale 134-135, Bucarest.

Rev. room. Sci. tech. Méc. appl. = Revue Roumaine des Sciences Techniques, Série de Mécanique Appliquée. - Editions de l'Académie de la République Socialiste de Roumaine. Auslieferung: CARTIMEX, Boîte postale 134-135, Bucarest.

Rev. room. Sci. tech. Métall. = Revue Roumaine des Sciences Techniques, Série de Métallurgie. - Editions de l'Académie de Roumaine. Auslieferung: CARTIMEX, Boîte postale 134-135, Bucarest.

Rev. sci. Instrum. = Review of Scientific Instruments. - The American Institute of Physics, 335 East 45th St., New York, N. Y. 10017.

Rev. Son, Paris = Revue du Son. - Editions Chiron, 40 rue de Seine, Paris VI^e.

Rev. tec. Inst. nac. Electrónica = Revista Técnica de Instituto Nacional de Electrónica. - Instituto Nacional de Electrónica. - Rios Rosas, 54, Madrid.

Rev. Un. mat. Argentina = Revista de la Unión Matemática Argentina y de la Asociación Física Argentina. - Casilla de Correo 3588, Buenos Aires.

Rheol. Acta = Rheologica Acta, Ergänzungshefte zur Kolloid-Zeitschrift. - Dr. Dietrich Steinkopff Verlag, Saalbaustr. 12, Darmstadt.

Ric. sci. = Ricerca Scientifica. - Consiglio Nazionale delle Ricerche, Piazzale delle Scienze, 7, Roma.

Ric. Spettrosc. = Ricerche Spettroscopiche. Laboratorio Astrofisico della Specola Vaticana. - Specola Vaticana, Città del Vaticano.

Röntgenblätter = Röntgenblätter. - W. Girardet, Pressehaus am Otto-Hausmann-Ring 185, Wuppertal-Elberfeld.

Röntgenpraxis = Röntgenpraxis. Zeitschrift für radiologische Technik. - S. Hirzel Verlag, Birkenwaldstr. 185, Stuttgart-N.

Rohde u. Schwarz Mitt. = Rohde und Schwarz Mitteilungen. - Mühlendorferstr. 15, München 8.

Rozspr. elektrotech., Warszawa = Rozprawy elektrotechniczne. - Panstwowe Wydawnictwo Naukowe, Krakowskie Przedmiescie 79, Warszawa.

Rundfunktech. Mitt. = Rundfunktechnische Mitteilungen. Herausgeber: Institut für Rundfunktechnik GmbH, Hamburg/München. - Verlag: Mensing u. Co., Hamburg-Harksheide.

Russ. J. phys. Chem. = Russian Journal of Physical Chemistry. (Engl. Uebers. aus: Zhurnal Fizicheskoi Khimii) - The Chemical Society, Burlington House, Picadilly, London W. 1. Russ. Orig. siehe: Zh. fiz. Chim.

S. B. bayer. Akad. Wiss. = Sitzungsberichte der Bayerischen Akademie der Wissenschaften, mathematisch-naturwiss. Klasse. - Verlag der Bayerischen Akademie der Wissenschaften. München.

S. B. dtsh. Akad. Wiss. Berlin = Sitzungsberichte der Deutschen Akademie der Wissenschaften zu Berlin, Klasse für Mathematik, Physik und Technik. - Akademie-Verlag, Leipziger Str. 3-4, 108 Berlin.

S. B. Ges. Beförd. Naturw., Marburg = Sitzungsberichte der Gesellschaft zur Beförderung der gesamten Naturwissenschaften zu Marburg. - N. B. Elwert Verlag, Marburg (Kommissionsverlag).

S. B. Heidelberg. Akad. Wiss. = Sitzungsberichte der Heidelberger Akademie der Wissenschaften. (Mathematisch-naturwiss. Klasse.) - Springer-Verl., Neuenheimer Land Str. 28, Heidelberg.

S. B. österr. Akad. Wiss. = Sitzungsberichte der Oesterreichischen Akademie der Wissenschaften. Mathematisch-naturwiss. Klasse. Abteilung II: Mathematik, Astronomie, Physik, Meteorologie und Technik. - Springer-Verl., Mölkerbastei 5, Wien 1.

SEL Nachr. = SEL Nachrichten. Technische Mitteilungen der Standard Elektrik Lorenz AG. - Standard Elektrik Lorenz AG, Hellmuth-Hirth-Str. 42, Stuttgart-Zuffenhausen.

Sb. Praci přir. Fak. Univ. palack. Olomouci (Mat., Ryz., Chem.) = Sborník Přírodovědecké Fakulty University Palackého v Olomouci. Obory: Matematika - Fyzika - Chemie. - Ustřední knihovna přírodovědecké fakulty University Palackého, Wurmova 7, Olomouc, Tschechoslowakei.

Schweiz. Arch. angew. Wiss. = Schweizer Archiv für angewandte Wissenschaft und Technik. - Verlag Vogt-Schild AG, Solothurn.

- ci. Amer. = Scientific American. - Scientific American, Inc., 415 Madison Avenue, New York 17, N. Y.
- ci. Indust. fotogr. = Science et Industries Photographiques. - Editions de la "Revue d'Optique", 165 rue de Sévres, Paris XV^e.
- ci. Light = Science of Light. - The Institute for Optical Research, Tokyo University of Education, 400, Hyakunin-tyo 4, Shinzyuku-ku, Tokyo.
- ci. Progr. = Science Progress. - Edward Arnold, 41 Maddox Street, London, W. 1.
- ci. Rep. Res. Inst. Tôhoku Univ. = Science Reports of the Research Institutes, Tôhoku University, Series A (Physics, Chemistry and Metallurgy). - Tôhoku University, Sendai, Japan.
- ci. Science = Science. - American Association for the Advancement of Science, 1515 Massachusetts Avenue, N. W., Washington 5, D. C.
- ci. Scientia elect., Zürich = Scientia Electronica. - Institut für höhere Elektrotechnik der Eidg. Technischen Hochschule, Gloriastr. 35, Zürich 7.
- ci. Siemens-Z. = Siemens Zeitschrift. - Siemens-Schuckertwerke AG, Hauptwerbeabteilung, Werner-von-Siemens-Str. 50, Erlangen.
- ci. Silikattech. = Silikat-Technik. - VEB Verlag für Bauwesen, Französische Straße 13-14, 108 Berlin.
- ci. Smithsonian, Contr. Astrophys. = Smithsonian Contributions to Astrophysics. - Astrophysical Observatory, Smithsonian Institution, Washington, D. C.
- ci. Smithsonian, misc. Coll. = Smithsonian Miscellaneous Collections. Smithsonian Institution, Washington, D. C.
- ci. Solar Phys. = Solar Physics. A Journal for Solar Research and the Study of Solar Terrestrial Physics. - D. Reidel Publishing Co., P. O. Box 17, Dordrecht, Holland.
- ci. Solid State Commun. = Solid State Communications. - Pergamon Press, 122 East 55th Street, New York 22, N. Y.
- ci. Solid State Phys. = Solid State Physics. - Academic Press Inc., Publishers: 111 Fifth Ave., New York 3, N. Y.
- ci. Soviet Astron. - AJ = Soviet Astronomy-AJ. (Engl. Uebers. aus: Astronomicheskii Zhurnal - Akademiya Nauk SSSR.) - American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017. Russ. Orig. siehe: Astron. Zh.
- ci. Soviet J. nucl. Phys. = Soviet Journal of Nuclear Physics. (Engl. Uebers. aus: Yadernaya Fizika - Akademiya Nauk SSSR.) - American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017. Russ. Orig. siehe: Yadernaya Fiz.
- ci. Soviet J. opt. Technol. = Soviet Journal of Optical Technology. (Engl. Uebers. aus: Optiko-Mekhanicheskaya Promyshlennost.) - American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017.
- ci. Soviet Phys. - Acoust. = Soviet Physics - Acoustics. (Engl. Uebers. aus: Akusticheskiy Zhurnal - Akademiya Nauk SSSR.) - American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017.
- ci. Soviet Phys. - Cryst. = Soviet Physics - Crystallography. (Engl. Uebers. aus: Kristallografiya - Akademiya Nauk SSSR.) - American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017. Russ. Orig. siehe: Kristallografiya.
- ci. Soviet Phys. - Doklady = Soviet Physics - Doklady. (Engl. Uebers. aus: Doklady Akademii Nauk SSSR.) - American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017.
- ci. Soviet Phys. J. = Soviet Physics Journal. (Engl. Uebers. aus: Izvestiya VUZ Fizika.) The Faraday Press, Inc., 84 Fifth Avenue, New York, N. Y. 10011.
- ci. Soviet Phys. - JETP = Soviet Physics JETP. (Engl. Uebers. aus: Zhurnal eksperimentalnoi i Teoreticheskoi Fiziki - Akademiya Nauk SSSR.) - American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017. Russ. Orig. siehe: Zh. eksp. teor. Fiz.
- ci. Soviet Phys. - Semicond. = Soviet Physics - Semiconductors (Engl. Uebers. aus: Fizika i Tekhnika Poluprovodnikov - Akademiya Nauk SSSR.) - American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017.
- ci. Soviet Phys. - Solid State = Soviet Physics - Solid State. (Engl. Uebers. aus: Fizika Tverdogo Tela - Akademiya Nauk SSSR.) - American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017.
- ci. Soviet Phys. - Tech. Phys. = Soviet Physics - Technical Physics. (Engl. Uebers. aus: Zhurnal tekhnicheskoi Fiziki - Akademiya Nauk SSSR.) - American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017. Russ. Orig. siehe: Zh. tekh. Fiz.
- ci. Soviet Phys. - Uspekhi = Soviet Physics - Uspekhi. (Engl. Uebers. aus: Uspeki Fizicheskikh Nauk - Akademiya Nauk SSSR.) - American Institute of Physics, 335 East 45th Street, New York, N. Y. 10017.
- ci. Soviet Radiophys. = Soviet Radiophysics. (Engl. Uebers. aus: Izvestiya VUZ Radiofizika.) - The Faraday Press, Inc., 84 Fifth Ave., New York, N. Y. 10011.
- ci. Space Res. = Space Research. Proceedings of the International Space Science Symposium. - North - Holland Publishing Co., Amsterdam.
- ci. Space Sci. Rev. = Space Science Reviews. - D. Reidel Publ. Comp., Dordrecht, Holland.
- ci. Spectrochim. Acta = Spectrochimica Acta. - Pergamon Press, 4 and 5 Fitzroy Square, London, W. 1.
- ci. Springer Tracts mod. Phys. (Ergebn. exakt. Naturw.) = Springer Tracts in modern Physics. Ergebnisse der exakten Naturwissenschaften. Springer-Verlag Berlin, Heidelberg, New York.
- ci. Stahl u. Eisen, Düsseldorf = Stahl und Eisen. - Verlag Stahl Eisen, Breitestr. 27, Düsseldorf.
- ci. Stars Stellar Syst. (Galactic Structure) = Herausg. G. P. Kuiper, herausgeg. von Adriaan Blaauw und Maarten Schmidt. Univ. Chicago Press, Chicago u. London.
- ci. Stars Stellar Syst. (Stellar Atmospheres) = Herausg. G. P. Kuiper, herausgeg. von Jesse L. Greenstein. Univ. Chicago Press, Chicago u. London.
- ci. Staub = Staub. - VDI-Verlag, Prinz-Georg-Str. 77/79, Düsseldorf.
- ci. Strahlentherapie = Strahlentherapie. - Urban u. Schwarzenberg, Meinekestr. 13, Berlin 15.
- ci. Studia biophys. = Studia biophysica - Mitteilungsblatt der Gesellschaft für reine und angewandte Biophysik in der DDR. - Redaktion: Institut für Biophysik der Deutschen Akademie der Wissenschaften zu Berlin, Forschungsgemeinschaft, Lindenberger Weg 70, Berlin-Buch.
- ci. Studia Univ. Babeş-Bolyai, Ser. Math. - Phys. = Studia Universitatis Babeş-Bolyai, Series Mathematica-Physica, Str. M. Kogălniceanu 1, Cluj, Rumänien.
- ci. Studium gen. = Studium generale. - Springer-Verl., Heidelberg Platz 3, Berlin 31.
- ci. Suppl. Nouvo Cim. = Supplemento del Nuovo cimento. (Società Italiana di Fisica.) - Nicola Zanichelli, Editore, Via Innerio 34, Bologna.
- ci. Suppl. Progr. theor. Phys., Kyoto = Supplement of the Progress of Theoretical Physics. - Yukawa Hall, Kyoto University, Kyoto, Japan.
- ci. Surface Sci. = Surface Science. Journal devoted to the physics and chemistry of interfaces. - North-Holland Publ. Comp., 68-70 N. Z. Voorburgwal, Amsterdam (Netherlands).
- ci. Symp. Faraday Soc. = Symposia of the Faraday Society. - Butterworth and Co. (Publishers) Ltd., 88 Kingsway, London W. C. 2.
- ci. Tech. Mitt. Haus d. Technik = Technische Mitteilungen. Organ des Hauses der Technik. - Vulkan-Verlag, Haus der Technik, Essen.
- ci. Tech. Mitt. Krupp = Technische Mitteilungen Krupp. - Werkbücherei Krupp, Postfach 917, Essen.
- ci. Tech. Mitt. P. T. T. = Technische Mitteilungen PTT. (Bulletin technique PTT.) - Schweizerische Post-, Telegraphen- und Telefonverwaltung, Speichergasse 6, Bern.
- ci. Tech. Mitt. Tungsram = Technische Mitteilung Tungsram. Technisch-Wissenschaftliche Mitteilungen der vereinigten Glühlampen und Elektrizitäts AG. Herausgeber: Vereinigte Glühlampen und Elektrizitäts AG, Budapest.
- ci. Tech. News Bull. nat. Bur. Stand. = Technical News Bulletin. National Bureau of Standards (früher: U. S. Bureau of Stan-

- dards). - U.S. Government Printing Office, Washington, D.C. 20402.
- Technik, Berl. = Die Technik. - VEB Verlag Technik, Oranienburger Straße 13-14, 102 Berlin.
- Technol. Rep. Kansai Univ., Osaka = Technology Reports of the Kansai University. Published by the Faculty of Engineering, Kansai University, Osaka, Japan.
- Technol. Rep. Osaka Univ. = Technology Reports of the Osaka University. Jetzt siehe: Technol. Rep. Kansai Univ., Osaka.
- Tech.-wiss. Abh. Osram = Technisch-wissenschaftliche Abhandlungen der Osram-Gesellschaft. - Springer-Verl., Heidelberger Platz 3, Berlin 31.
- Telefunkenröhre = Telefunken-Röhre. (Erscheint mit gleichem Inhalt auch als: Elektronenröhren-Physik. Neue Folge.) - Telefunken-Gesellschaft, Mehringdamm 32-34, Berlin 61.
- Telefunkenztg = Telefunkenzeitung. Ab 1968 siehe: Wiss. Ber. AEG-Telefunken.
- Tellus = Tellus. - Svenska Geofysiska Föreningen, Institute of Meteorology. University of Stockholm, Lindhagensgatan 124, Str., Stockholm K.
- Thin Solid Films = Thin Solid Films. An International Journal on their Science and Technology. Elsevier Publishing Co., P.O. Box 211, Amsterdam, Niederlande.
- Trans. amer. geophys. Un. = Transactions. American Geophysical Union. - 1145 19th Street, N.W., Washington, D.C. 20036.
- Trans. Faraday Soc. = Transactions of the Faraday Society. - 6 Gray's Inn Square, London, W.C.1. Auslieferung: The Aberdeen University Press Ltd., Farmers Hall, Aberdeen, Scotland.
- Trans. Inst. Electron. Commun. Eng. Japan = The Transactions of the Institute of Electronics and Communication Engineers of Japan. Parts A, B, C. - The Institute of Electronics and Communication Engineers of Japan, Kikai Shinko Kaikan Bldg., 21-1-5, Shiba Park, Minatoku, Tokyo. (Orig. jap.).
- Trans. Inst. Electron. Commun. Eng. Japan (Abstr.) = The Transactions of the Institute of Electronics and Communication Engineers of Japan. (Abstracts). - The Institute of Electronics and Communication Engineers of Japan, Kikai Shinko Kaikan Bldg., 21-1-5, Shiba Park, Minatoku, Tokyo. (In engl. Sprache.).
- Trans. nat. Res. Inst. Metals, Japan = Transactions of the National Research Institute for Metals. - 300, 2-Chome, Nakameguro, Meguro-ku, Tokyo.
- Trans. Soc. Rheol. = Transactions of the Society of Rheology. - Interscience Publishers, 250 Fifth Ave., New York 1; 88/90 Chamery Lane, London, W.C.2.
- Uhr = Die Uhr. (Fachzeitschrift für die Uhrenwirtschaft.) Bielefelder Verlagsanstalt, Schillerplatz 20, Bielefeld.
- Umschau = Umschau (in Wissenschaft und Technik) über die Fortschritte in Naturwissenschaft, Medizin und Technik. - Umschau Verlag Breidenstein KG, Stuttgarter Str. 18-24, Frankfurt/Main.
- Univ. Kansas Sci. Bull. = The University of Kansas Science Bulletin. - Library of the University of Kansas, Lawrence, Kansas 66044. (Erscheint unregelmäßig).
- Ukrain. fiz. Zh. = Ukrainski fizichni Zhurnal. - Akademiya Nauk Ukrainskoi R. S. R., Velika Kitayivska 115, Kiev.
- Universitas = Universitas. (Zeitschrift f. Wissenschaft, Kunst u. Literatur.) - Wissenschaftliche Verlagsges., Birkenwaldstr. 44, Stuttgart-N.
- V. D. E. - Fachber. = VDE-Fachberichte. - VDE-Verlag, Bismarckstr. 33, Berlin 12.
- V. D. I. - Forsch. - Heft = VDI-Forschungsheft. (Beilage zu "Forschung auf dem Gebiete des Ingenieurwesens".) - VDI-Verlag, Bongardstr. 3, Düsseldorf.
- V. D. I. - Z. = VDI-Zeitschrift. (Bis Dez. 1954 "Zeitschrift des Vereins Deutscher Ingenieure".) - VDI-Verlag, Bongardstr. 3, Düsseldorf.
- Vacnique = Vacnique. A "Speedivac" View of a Low Pressure World. - Edwards High Vacuum Ltd., Manor Royal, Crawley, Sussex, England.
- Vacuum, Lond. = Vacuum. The International Journal and Abstracting Service for Vacuum Science and Technology. - Pergamon Press, Auslieferung: Verlag Friedr. Vieweg u. Sohn GmbH, Postfach 185, Braunschweig.
- Vakuum - Tech. = Vakuum-Technik. - Rudolf A. Lang Verlag, Leibnizstr. 64, Berlin 12.
- Valvo-Ber. = Valvo - Berichte. - Valvo-Gesellschaft, Burchardstr. 19, Hamburg 1.
- Verh. DPG = Verhandlungen der Deutschen Physikalischen Gesellschaft. - B. G. Teubner, Stuttgart.
- Verh. naturf. Ges. Basel = Verhandlungen der Naturforschenden Gesellschaft in Basel. - Birkhäuser Verlag, Elisabethenstr. 19, Basel.
- Veröff. Sternw. Babelsberg = Veröffentlichungen der Sternwarte in Babelsberg. - Akademie-Verlag, Leipziger Str. 3-4, 108 Berlin.
- Veröff. Sternw. Sonneberg = Veröffentlichungen der Sternwarte in Sonneberg. - Akademie-Verlag, Leipziger Str. 3-4, 108 Berlin.
- Vestnik Univ. Leningrad = Vestnik Universität Leningrad. Physik und Chemie. Anschrift der Redaktion: Leningrad, W 164, Universitetskaya nab. 7/9. (Orig. russ.).
- Vestnik Univ. Moskau = Vestnik Univ. Moskau. Physik und Astronomie. Anschrift der Redaktion: Moskau, Leninskie Gory MGU. (Orig. russ.).
- Vide, Paris = Le Vide. - Société Française des Ingenieurs Techniciens du Vide. 147ter A, Boulevard de Strasbourg, 94 - Nogent-s-Mame.
- Vistas Astron. = Vistas in Astronomy. Suppl. J. atmos. terr. Phys. - Pergamon Press, 4 and 5 Fitzroy Square, London, W.1.
- Vjschr. naturf. Ges. Zürich = Vierteljahrschrift der Naturforschenden Gesellschaft in Zürich. - Verlag Leemann AG, Arbenzstr. 20, 8008 Zürich.
- Wärme = Wärme. Forschung und Praxis der Wärme-, Kälte- und Verfahrenstechnik. - Technischer Verlag H. Resch, Immenfriedstr. 22, München-Gräfelfing.
- Wärme- u. Stoffübertr. = Wärme- und Stoffübertragung. Springer-Verlag, Heidelberger Platz 3, 1 Berlin 33.
- Wear = Wear - Usure - Verschleiss. An International Journal on Fundamentals of Friction, Lubrication, Wear, and their Control in Industry. Elsevier Publishing Co., Spuitstraat 110-112, Amsterdam-C.
- Weltraumfahrt = Weltraumfahrt. Zeitschrift für Astronautik und Raketentechnik. - Umschau-Verlag, Stuttgarter Str. 22-24, Frankfurt/M.
- Wiss. Abh. dtsch. Amt Messw. Warenprüf. = Wissenschaftliche Abhandlungen des Deutschen Amtes für Messwesen und Warenprüfung. - Deutsches Amt für Messwesen und Warenprüfung der DDR, Abt. D, Berlin.
- Wiss. Ber. AEG-Telefunken = Wissenschaftliche Berichte AEG-Telefunken. (Fortsetzung der Telefunken-Zeitung ab 1968). - Hohenzollerndamm 150, 1 Berlin 33 (Grunewald).
- Wiss. Z. Elektrotech. = Wissenschaftliche Zeitschrift der Elektro-Technik. (WZE). - Akademische Verlagsgesellschaft Geest u. Portig K.-G., Sternwartenstr. 8, 701 Leipzig.
- Wiss. Z. E. M. Arndt-Univ. Greifswald, math-nat. R. = Wissenschaftliche Zeitschrift der Ernst-Moritz-Arndt Universität Greifswald, Mathematisch-naturwiss. Reihe. - Selbstverlag der Universität.
- Wiss. Z. Fr. Schiller-Univ. Jena = Wissenschaftliche Zeitschrift der Friedrich-Schiller-Universität Jena, Thür., Mathematisch-naturwiss. Reihe. - Selbstverlag der Universität.
- Wiss. Z. Hochsch. Elektrotech. Ilmenau = Wissenschaftliche Zeitschrift der Hochschule für Elektrotechnik Ilmenau/Thüringen. Selbstverlag der Hochschule. Siehe: Wiss. Z. Tech. Hochsch. Ilmenau.
- Wiss. Z. Humboldt-Univ. Berlin = Wissenschaftliche Zeitschrift der Humboldt-Universität zu Berlin. - Selbstverlag der Universität.
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iss. Z. Tech. Hochsch. Chemie Leuna-Merseburg = Wissenschaftliche Zeitschrift der Technischen Hochschule für Chemie "Carl Schorlemmer" Leuna-Merseburg. - Selbstverlag der Tech. Hochschule.

iss. Z. Tech. Hochsch. Ilmenau = Wissenschaftliche Zeitschrift der Technischen Hochschule Ilmenau. - Selbstverlag der Technischen Hochschule.

iss. Z. Tech. Hochsch. Karl-Marx-Stadt = Wissenschaftliche Zeitschrift der Technischen Hochschule Karl-Marx-Stadt. - Selbstverlag der Technischen Hochschule Karl-Marx-Stadt.

iss. Z. Tech. Hochsch. Otto v. Guericke Magdeburg = Wissenschaftliche Zeitschrift der Technischen Hochschule Otto von Guericke Magdeburg. - Selbstverlag der Hochschule.

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iss. Z. Univ. Rostock = Wissenschaftliche Zeitschrift der Universität Rostock. Mathematisch-naturwiss. Reihe. - Selbstverlag der Universität.

Adernaya Fiz. = Yadernaya Fizika - Akademiya Nauk SSSR. (Orig. russ.). Engl. Uebers. siehe: Soviet J. nucl. Phys.

anal. Chem. = Zeitschrift für analytische Chemie. - Springer-Verl., Heidelberger Platz 3, Berlin 31; J. F. Bergmann, Trogerstr. 56, München 27.

Z. angew. Math. Mech. = Zeitschrift für angewandte Mathematik und Mechanik. - Akademie-Verl., Leipziger Str. 3-4, 108 Berlin.

Z. angew. Math. Phys. = Zeitschrift für angewandte Mathematik und Physik. (ZAMP). - Birkhäuser Verlag, Elsbethenstr. 15, Basel 10; Humboldtstr. 10, Stuttgart-S.

Z. angew. Phys. = Zeitschrift für angewandte Physik. - Springer-Verl., Heidelberger Platz 3, Berlin 31.

Z. anorg. allg. Chem. = Zeitschrift für anorganische und allgemeine Chemie. - J. A. Barth, Salomonstr. 18 B, 701 Leipzig.

Z. Astrophys. = Zeitschrift für Astrophysik. - Springer-Verl., Heidelberger Platz 3, Berlin 31.

Z. Geophys. = Zeitschrift für Geophysik. - Physica-Verlag, Rotlöwengasse 2, Würzburg.

Z. Instrum.-Kde = Zeitschrift für Instrumentenkunde. - Verlag Fr. Vieweg u. Sohn GmbH, Postfach 185, Braunschweig.

Z. Kristallogr. = Zeitschrift für Kristallographie, Kristallgeometrie, Kristallphysik, Kristallchemie. - Akademische Verlagsgesellschaft, Holbeinstr. 25-27, Frankfurt/Main.

Z. Met. = Zeitschrift für Meteorologie. (Meteorologische Gesellschaft der DDR.) - Akademie-Verlag, Leipziger Str. 3-4, 108 Berlin.

Z. Metallk. = Zeitschrift für Metallkunde. - Dr. Riederer-Verlag, Marienstr. 52, Stuttgart.

Z. Naturf. = Zeitschrift für Naturforschung. - Postfach 61, Tübingen.

Z. Phonetik = Zeitschrift für Phonetik und allgemeine Sprachwissenschaft. - Akademie-Verlag, Leipziger Str. 3-4, 108 Berlin.

Z. Phys. = Zeitschrift für Physik. - Springer-Verlag, Heidelberger Platz 3, Berlin 31.

Z. phys. Chem. = Zeitschrift für physikalische Chemie. - Akademische Verlagsgesellsch. Geest u. Portig, Sternwartenstr. 8, 701 Leipzig.

Z. phys. Chem. N. F. = Zeitschrift für physikalische Chemie. Neue Folge. - Akademische Verlagsgesellsch., Holbeinstr. 25-27, Frankfurt/Main.

Z. wiss. Photogr. = Zeitschrift für wissenschaftliche Photographie, Photo-physik und Photochemie. - J. A. Barth, Salomonstr. 18 B, 701 Leipzig.

Zh. eksp. teor. Fiz = Zhurnal Eksperimentalnoi i Teoreticheskoi Fiziki. - Akademiya Nauk SSSR, Leninskii prosp. 14, Moskva. (Orig. russ.). Engl. Uebers. siehe: Soviet Phys. - JETP.

Zh. eksp. teor. Fiz. Pisma v Red. = Zhurnal Eksperimentalnoi i Teoreticheskoi Fiziki - Pisma v Redaktsiyu. - Akademiya Nauk SSSR, Leninskii prosp. 14, Moskva. (Orig. russ.). Engl. Uebers. siehe: JETP Letters.

Zh. fiz. Khim. = Zhurnal Fizicheskoi Khimii. - Akademiya Nauk SSSR, Cherkasskii per., 2, Moskva. (Orig. russ.). Engl. Uebers. siehe: Russ. J. phys. Chem.

Zh. priklad. Spektrosk. = Zhurnal prikladnoi Spektroskopii - Akademiya Nauk Byelorusskiy SSR, Leninskii Prospekt 70, Minsk. (Orig. russ.). Engl. Uebers. siehe: J. appl. Spectrosc.

Zh. tekhn. Fiz. = Zhurnal technicheskoi Fiziki. - Akademiya Nauk SSSR, Cherkasskii per., 2, Moskva. (Orig. russ.). Engl. Uebers. siehe: Soviet Phys. - Tech. Phys.

Zeiss Inform. = Zeiss-Informationen. - Carl Zeiss, Oberkochen/Württ.

Zeiss - Mitt. = Zeiss-Mitteilungen über Fortschritte der technischen Optik. - Carl Zeiss, Oberkochen/Württ. - G. Fischer Verlag, Eberhardstr. 10, Stuttgart-S.

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Einschlägige Zitate sind auch unter den nachfolgenden Ueberschriften zu finden

ABBILDUNG, OPTISCHE	29073	ASTROPHYSIK, ZUSAMMENFASSUNGEN	112
ABBILDUNGSFEHLER, OPTISCHE	29076	ATMOSPHAERE, NEUTRALE, GEOPHYSIK	908
ABERRATIONEN, OPTISCHE	29076	ATMOSPHAERISCHE OPTIK	908
ABKLINGEN, LUMINESZENZ FESTER STOFFE	73630	ATOM-ATOM-STREUUNG	520
ABRIKOSOV-THEORIE, SUPRALEITUNG	70520	ATOME, SPEKTREN	520
ABSCHIRMPROBLEME, KERNREAKTOREN	43540	ATOMKONSTANTEN, BERECHNUNG	520
ABSORPTION VON KERNSTRAHLUNG	44000	ATOMMOMENTE	520
ABSORPTION, DYNAMIK DER MAGNETOSPHAERE	91260	ATOMPHYSIK	520
ABSORPTION, OPTISCHE	29063	ATOMPHYSIK, DARSTELLUNG	120
ABSORPTION, OPTISCHE EIG. DÜNNER SCHICHTEN	74065	ATOMPHYSIK, EINFÜHRUNGEN	115
ABSORPTION, STRAHLUNG IN PLASMEN	57096	ATOMPHYSIK, FACHTAGUNGEN	105
ABSORPTIONSSPEKTREN VON FESTKÖRPERN	73300	ATOMPHYSIK, WECHSELWIRKUNGEN	520
ABSORPTIONSSPEKTREN, FLÜESSIGKEITEN	58576	ATOMPHYSIK, ZUSAMMENFASSUNGEN	112
ABSTREIFREAKTIONEN, DEUTERONEN	43060	ATOMSPEKTREN, KONTINUIERLICHE	520
ADHAESION AN GRENZFLÄCHEN, FESTKÖRPERPHYSIK	74530	ATOMSTRAHLEN	520
ADSORPTION AN GRENZFLÄCHEN, FESTKÖRPERPHYSIK	74530	ATOMSTREUUNG AN MOLEKULEN	525
ADSORPTIONSPUMPEN	13025	ATOMUHREN, ZEITMESSUNG	220
AERODYNAMIK	23000	AUFBEREITUNG, RADIOAKTIVE, KERNREAKTOREN	435
AEROSOLE, DISPERSE SYSTEME	59540	AUFDAMPFERSTELLUNG DÜNNER SCHICHTEN	740
AETZFIGUREN, VERSETZUNGEN IN KRISTALLEN	66035	AUFLADUNG, ELEKTRISCHE, VON GRENZFLÄCHEN	745
AUSSERER LICHTELEKTRISCHER EFFEKT	74570	AUFLÖSUNGSGRENZE, OPTISCHE	290
AKTINIDEN	83027	AUGE, PHYSIOLOGISCHE OPTIK	966
AKTIVATOREN, LUMINESZENZ FESTER STOFFE	73670	AUGER-EFFEKT, ATOME	520
AKTIVIERUNGSMETHODE, STRAHLUNGSMESSUNG	40525	AUSBILDUNGSFRAGEN	120
AKTIVITÄT DER PHOTOSPHAERE, SONNEN-OBERFLÄCHE	93322	AUSDEHNUNG, THERMISCHE, FESTKÖRPERPHYSIK	675
AKUSTIK	23500	AUSGLÜHEN VON GITTERDEFEKTEN	660
AKUSTIK, DARSTELLUNG	12030	AUSLOESCHUNG, LUMINESZENZ FESTER STOFFE	736
AKUSTIK, EINFÜHRUNGEN	11530	AUSRICHTUNG, KERNSPEKTROSKOPIE	425
AKUSTIK, FACHTAGUNGEN	10530	AUSRÜSTUNG DES LABORS	125
AKUSTIK, PHYSIOLOGISCHE	96300	AUSTAUSCH-WECHSELWIRKUNG, FERROMAGNETISMUS	690
AKUSTIK, ZUSAMMENFASSUNGEN	11230	AUSTRITTSARBEIT, ELEKTRONEN AUS GRENZFLÄCHEN	745
AKUSTISCHE EIGENSCHAFTEN, FESTKÖRPER	67060	AUSWERTETECHNIK, KERNPHYS. MESSVERFAHREN	405
AKUSTISCHE EIGENSCHAFTEN, FLÜESSIGKEITEN	58543	AUSWERTETECHNIK, ASTROPHYSIK	930
AKUSTISCHE EIGENSCHAFTEN, GASE	58030	AUTOKORRELATIONS-FUNKTION, STATISTISCHE PHYSIK	175
AKUSTISCHE WELLEN, PLASMAPHYSIK	57080	AXIOMATISCHE QUANTENFELDTHEORIE	170
AKUSTOELEKTRISCHER EFFEKT, PIEZOELEKTRIZITÄT	68050		
AKZEPTOREN. FÜR LADUNGSTRÄGER, HALBLEITUNG	71563		
ALBEDO, NEUTRONEN IN MATERIE	44010	BANDABSTAND, ELEKTRONEN IM FESTKÖRPER	700
ALFVEN-WELLEN, PLASMAPHYSIK	57080	BARYON-BARYON WECHSELWIRKUNG	417
ALGEBRA DER STREUZUSTÄNDE, QUANTENTHEORIE	16556	BARYONENKONFIGURATIONEN DER STERNE	940
ALGEBRAISCHE METHODEN, QUANTENTHEORIE	16516	BARYONENZUSTÄNDE, HADRONENSPEKTROSKOPIE	417
ALGEBRAISCHE SYSTEMATIK, ELEMENTARTEILCHEN	41510	BCS-THEORIE, KERNSTRUKTUR	420
ALKALIMETALLE	83005	BCS-THEORIE, SUPRALEITUNG, FESTKÖRPERPHYSIK	705
ALLGEMEINE RELATIVITÄTSTHEORIE	18040	BCS-THEORIE, VIELTEILCHENSYSTEME	175
ALPHA-TEILCHEN, KERNREAKTIONEN	43080	BEOBACHTUNGSTECHNIK IN DER ASTROPHYSIK	930
ALPHA-ZERFALL, KERNSPEKTROSKOPIE	42520	BESCHLEUNIGER	410
ALTERSBESTIMMUNG, RADIOAKTIVITÄT, ERDKÖRPER	90250	BESCHLEUNIGER, EINFÜHRUNGEN	115
ALUMINIUM	83015	BESCHLEUNIGER, FACHTAGUNGEN	105
AMBIPOLARE DIFFUSION, PLASMAPHYSIK	57030	BESCHLEUNIGER, ZUSAMMENFASSUNGEN	112
ANALYSIS, MATHEMATISCHE	16020	BESCHLEUNIGUNG VON PLASMEN	572
ANALYTIZITÄT DER STREUAMPLITUDE	16578	BESCHLEUNIGUNG, MESSUNG, MECHANIK	220
ANHARMONISCHE GITTERSCHWINGUNGEN, THEORIE	67010	BETA-ZERFALL, KERNSPEKTROSKOPIE	425
ANIONEN, ZUSAMMENGESetzte, VERBINDUNGEN	84083	BETHE-GOLDSTONE-THEORIE, KERNSTRUKTUR	420
ANIONEN, ZUSAMMENGESetzte, VERBINDUNGEN	84072	BETHE-SALPETER GLEICHUNG, QUANTENFELDTHEORIE	170
ANISOTROPIE, ELEKTRISCHE LEITFÄHIGKEIT, FK	70090	BEUGUNG, OPTIK	290
ANISOTROPIE, OPTISCHE	29083	BEWEGLICHKEIT DER LADUNGSTRÄGER, HALBLEITUNG	715
ANREGUNG VON MOLEKULEN	52570	BEWEGLICHKEITEN, PLASMAPHYSIK	570
ANREGUNG VON STRAHLUNG IN PLASMEN	57093	BEWEGUNG IM GRAVITATIONSFELD, RELATIVITÄTSTH.	180
ANREGUNG, OPTISCHE, FLÜESSIGKEITEN	58573	BILDWANDLER	270
ANREGUNG, WECHSELWIRKUNGEN VON ATOMEN	52060	BINDUNGSENERGIE, KERNSTRUKTUR	420
ANTENNEN	27550	BINDUNGSKRAEFTE, KRISTALLE	655
ANTIBARYON-KERN WECHSELWIRKUNG	41748	BINDUNGSZUSTÄNDE, QUANTENMECHANIK	165
ANTIBARYON-WECHSELWIRKUNGEN	41745	BIOGRAPHISCHES	102
ANTIBARYONENZUSTÄNDE	41778	BIOLOGISCHE DOSIMETRIE	970
ANTIFERROMAGN. EIGENSCHAFTEN, FESTKÖRPER	69050	BIOLOGISCHE GRUNDVORGÄNGE	960
ANTIFERROMAGN. RESONANZ, FESTKÖRPERPHYSIK	73360	BIOLUMINESZENZ	736
ANTIMON	83530	BIOPHYSIK	960
ANTIMONIDE	84026	BIOPHYSIK, DARSTELLUNG	120
APPARATE MIT VAKUUM	13040	BIOPHYSIK, EINFÜHRUNGEN	115
APPARATUREN, KERNPHYSIKALISCHE MESSUNGEN	40505	BIOPHYSIK, FACHTAGUNGEN	105
ARSEN	83530	BIOPHYSIK, ZUSAMMENFASSUNGEN	112
ARSENIDE	84024	BLASENKAMMER, KERNSTRAHLUNGSMESSUNG	405
ASTATIDE	84058	BLEI	830
ASTIGMATISMUS	29076	BLITZENTLADUNG, GASENTLADUNG	578
ASTROPHYSIK	93000	BLOCH-FUNKTIONEN, ELEKTRONEN IM FESTKÖRPER	700
ASTROPHYSIK, DARSTELLUNG	12060	BOGENENTLADUNG, GASENTLADUNG	578
ASTROPHYSIK, EINFÜHRUNGEN	11575	BOGOLIUBOV-THEORIE DER SUPRALEITUNG	705
ASTROPHYSIK, FACHTAGUNGEN	10575	BOLOMETER, THERMOMETRIE	240

LTZMANN-GLEICHUNG, KINETISCHE THEORIE	17523	DISPERSION, BRECHUNG	29050
LTZMANN-GLEICHUNG, PLASMAPHYSIK	57026	DISPERSIONSRELATIONEN, STREUTHEORIE	16580
LTZMANN-GLEICHUNG, TRANSPORTTHEORIE	17540	DISPERSIONSSUMMENREGELN, STREUTHEORIE	16580
OTSTRAP-THEORIE, HADRONENPHYSIK	41755	DISSOZIATION, ELEMENTARPROZESSE IM PLASMA	57010
BRIDE	83505	DISSOZIATION, MOLEKUELE	52570
BRNSCHE NAEHERUNG, QUANTENTHEORIE	84013	DISTRIBUTIONEN, FUNKTIONALANALYSIS	16513
SONENSYSTEME, VIELTEILCHENSYSTEME	16560	DOMAENENSTRUKTUR, FESTKOEPRERMAGNETISMUS	69035
RECHUNG, DISPERSION	17566	DONATOREN FUEER LADUNGSTRAEGER, HALBLEITUNG	71563
RECHUNG, INFRAROT	29050	DOPPELBRECHUNG, OPTIK	29080
RECHUNG, MIKROWELLEN	29055	DOPPELRESONANZEN, ELEKTRON-KERN IM FK	73375
RECHUNG, RADIOWELLEN	29053	DOPPELRESONANZEN, MOLEKUELE	52556
RECHUNG, ROENTGENSTRAHLEN	29053	DOPPLER-EFFEKT, PLASMADIAGNOSTIK	57210
REMSSTRAHLUNG, ELEKTRONEN IN MATERIE	29058	DOPPLER-VERFAHREN, KERNREAKTOREN	43520
REMSSTRAHLUNG, PROTONENREAKTIONEN	44035	DOSIMETRIE, BIOLOGISCHE	97010
REMSVERMOEGEN FUEER GELADENE TEILCHEN	43050	DOSIMETRIE, KERNSTRAHLUNG	40582
RENNSTOFFZELLEN, ENERGIEDIREKTUMWANDLUNG	44030	DOTIERUNG VON HALBLEITERN	71510
RILLOUIN-SPEKTROSKOPIE, FESTKOEPRERPHYSIK	12580	DRAHTEXPLOSIONEN, PLASMAERZEUGUNG	57253
RILLOUIN-ZONEN, ELEKTRONEN IM FESTKOEPRER	73340	DREIKOEPRERPROBLEM, KERNSTRUKTUR	42010
RIMIDE	70022	DREIPUNKT-FUNKTION, QUANTENFELDTHEORIE	17040
ROWNSCHE BEWEGUNG, STATISTISCHE PHYSIK	84056	DREITEILCHENSTREUUNG, FORMALISMUS	16588
RUCH, FESTKOEPRER	17535	DRIFT, DYNAMIK DER IONOSPHERE	91060
RUECKENMETHODEN, ELEKTRISCHE	66516	DRIFT, LADUNGSTRAEGER IN PLASMEN	57030
RUECKNER-THEORIE, KERNSTRUKTUR	26012	DRUCK IM PLASMA	57023
	42020	DRUCK, LUFTHUELLE	90830
		DRUCK, MESSUNG	22036
		DRUCKEINWIRKUNG AUF FESTKOEPRER	66540
		DRUCKTECHNIK	12515
ERENKOY-SPEKTROMETER, KERNSPALTUNG	40545	DUEENNE SCHICHTEN	74000
ERENKOY-STRAHLUNG, GELADENE TEILCHEN	44037	DUEENNE SCHICHTEN, EINFUEHRUNGEN	11566
ERENKOY-ZAEHLER, STRAHLUNGSMESSUNG	40522	DUEENNE SCHICHTEN, FACHTAGUNGEN	10566
HALKOGENE	83540	DUEENNE SCHICHTEN, ZUSAMMENFASSUNGEN	11266
HALKOGENIDE	84030	DURCHSCHLAG, DIELEKTRISCHER, FESTKOEPRERPHYSIK	68040
HARAKTERISTISCHE ENERGIEVERLUSTE, FESTKOEPRER	66062	DURCHSCHLAG, GASENTLADUNGEN	57820
HARAKTERISTISCHE TEMPERATUR, SPEZ. WAERME, FK	67510	DURCHSCHLAG, HALBLEITUNG, HEISSE ELEKTRONEN	71540
HEMISCHE BINDUNG, MOLEKUELPHYSIK	52510	DWBA-NAEHERUNG, DIREKTE KERNREAKTIONEN	43012
HEMISCHE REAKTIONEN, THERMODYNAMIK	24554	DYNAMIK DER IONOSPHERE	91060
HEMISORPTION AN FESTKOEPRERGRENZFLAECHE	74530	DYNAMIK DER MAGNETOSPHERE	91250
HEMOLUMINESZENZ, FESTE STOFFE	73660	DYNAMIK DER NEUTRALEN ATMOSPHERE	90840
HEMOLUMINESZENZ, PLASMEN	57010	DYNAMISCHE MODELLE, ELEMENTARTEILCHEN	41520
HEW-GOLDBERGER-LOW-GLEICHUNG, PLASMAPHYSIK	57035	DYNAMISCHES VERHALTEN, KERNREAKTOREN	43560
HILORIDE	84054		
HROMOSPHERE, SONNENOBFLAECHE	93324	E-SCHICHT, IONOSPHERE	91000
LEBSCH-GORDAN-KOEFFIZIENTEN	16516	EDELGASE	83570
LUSTERMODELL, KERNSTRUKTUR	42080	EDELMETALLE	83075
LIMPOUND-MODELL, KERNREAKTIONEN	43008	EFFEKTIVE MASSEN, ELEKTRONEN IM FESTKOEPRER	70035
LIMPTON-EFFEKT, ELEKTROMAGN. WECHSELWIRKUNG	41563	EFFEKTIVE WECHSELWIRKUNG, KERNSTRUKTUR	42070
LULOMB-ANREGUNG, KERNREAKTIONEN	43018	EHRUNGEN, BIOGRAPHISCHES	10213
L-INVARIANZ, SCHWACHE WECHSELWIRKUNGEN	41540	EICHFELDER, QUANTENFELDTHEORIE	17010
LIE-TEMPERATUR, FESTKOEPRERMAGNETISMUS	69060	EIGENSTRAHLUNG, PLASMADIAGNOSTIK	57210
L-T-OFF-NAEHERUNG, STREUTHEORIE	16560	EIN-ELEKTRON-NAEHERUNG, FESTKOEPRERPHYSIK	70020
		EINFANG DER LADUNGSTRAEGER, HALBLEITUNG	71566
		EINHEITEN	12215
ESCHICHT, IONOSPHERE	91000	EINHEITLICHE FELDTHEORIE, MATHEMATISCHE PHYSIK	18050
EMPFGUNG VON STRAHLUNG IN PLASMEN	57096	EINKRISTALLE	65518
EMPFDRUCK, PHASENUEBERGAENGE	24533	EINSCHLUSS VON PLASMEN	57250
ERSTELLUNGEN VON GRUPPEN	16516	EINSTEIN-GLEICHUNGEN, ALLG. RELATIVITAETSTHEOR.	18040
ERSTELLUNGEN, QUANTENMECHANIK	16526	EISEN, METALLE	83040
ERSTELLUNGSFRAGEN	12020	ELASTISCHE KONSTANTEN, FESTKOEPRER	66514
HAAS - VAN ALPHEN-EFFEKT, ELEKTRONEN IM FK	70022	ELASTIZITAE	22500
EBYE-TEMPERATUR, SPEZ. WAERME, FK	67510	ELASTOPLASTISCHE EIGENSCHAFTEN, MAKROMOLEKUELE	53542
EBYE-WALLER-FAKTOREN, GITTERDYNAMIK	67020	ELASTOPLASTIZITAE	22520
EFFORMATION, KERNSTRUKTUR	42075	ELECTRO-JET, GEOMAGNETISMUS	90440
EFPOLARISATION, MAKROMOLEKUELE	53530	ELEKTR. FELDGROESSEN, MESSUNG	26016
ETONATIONEN, TECHNISCHE MECHANIK	22050	ELEKTRETE, FESTKOEPRERPHYSIK	74540
ETONATIONEN, THERMODYNAMIK	24556	ELEKTRISCHE AUFLADUNG VON FK-GRENZFLAECHE	74540
UTERONEN, KERNREAKTIONEN	43060	ELEKTRISCHE EIGENSCHAFTEN, DUEENNE SCHICHTEN	74040
AGRAMM-METHODE, VIELTEILCHENSYSTEME	17560	ELEKTRISCHE EIGENSCHAFTEN, FLUESSIGKEITEN	58560
AMAGNETISMUS, FESTKOEPRERPHYSIK	69065	ELEKTRISCHE EIGENSCHAFTEN, NEUTRALE GASE	58050
AMANT	83516	ELEKTRISCHE LABORAUSRUESTUNG	12540
CHROISMUS, KRISTALLOPTIK	29083	ELEKTRISCHE LEITFAEHIGKEIT, FK, BESTRAHLUNG	66076
CHTE, LUFTHUELLE	90830	ELEKTRISCHE LEITFAEHIGKEIT, FK, HOHER DRUCK	66556
CHTE, MESSUNG, MECHANIK	22038	ELEKTRISCHE LEITFAEHIGKEIT, FLUESSIGKEITEN	58565
CHTEMATRIX, QUANTENMECHANIK	16526	ELEKTRISCHE LEITFAEHIGKEIT, HALBLEITUNG	71530
CHTEN VON FESTKOEPRERN	66512	ELEKTRISCHE LEITFAEHIGKEIT, PLASMEN	57033
CHTEN VON FLUESSIGKEITEN	58540	ELEKTRISCHER KONTAKT, FK-GRENZFLAECHE	74555
CHTEN VON GASSEN	58020	ELEKTRIZITAE	26000
CHTEN VON PLASMEN	57023	ELEKTRIZITAE, DARSTELLUNG	12035
CKE, MESSUNG	22032	ELEKTRIZITAE, EINFUEHRUNGEN	11535
ELEKTRIKA, FESTKOEPRER	68000	ELEKTRIZITAE, FACHTAGUNGEN	10535
ELEKTRIKA, FESTKOEPRER, HOHER DRUCK	66073	ELEKTRIZITAE, ZUSAMMENFASSUNGEN	11235
ELEKTRIKA, FESTKOEPRER, STRAHLUNGSEINFLUSS	66073	ELEKTROANREGUNG, KERNREAKTIONEN	43030
ELEKTRIKA, FLUESSIGKEITEN	58562	ELEKTRODEN, GASENTLADUNGEN	57810
ELEKTRISCHER DURCHSCHLAG, FESTKOEPRERPHYSIK	68040	ELEKTRODEN, VORGAENGE, FLUESSIGKEITEN	58568
FFERENTIALGLEICHUNGEN	16020	ELEKTRODENLOSE ENTLADUNG, GASENTLADUNG	57840
FFUSION, GITTERSTOERUNGEN IM KRISTALL	66010	ELEKTRODYNAMIK	26500
FFUSION, PHYSIK DER FLUESSIGKEITEN	58546	ELEKTROERZEUGUNG VON HADRONEN	41578
FFUSION, PHYSIK DER GASE	58025	ELEKTROHYDRODYNAMIK, PLASMAPHYSIK	57040
FFUSION, PLASMAPHYSIK	57030	ELEKTROKINESE, SOLE UND GELE	59525
FFUSIONSPUMPEN	13022	ELEKTROLUMINESZENZ FESTER STOFFE	73645
ODE, HALBLEITUNG	71570	ELEKTROLYTE, PHYSIK DER FLUESSIGKEITEN	58565
RRAC-GLEICHUNG, QUANTENMECHANIK	16530	ELEKTROMAGN. WECHSELWIRKUNG, HADRONEN	41570
REKTE WECHSELWIRKUNGEN, KERNREAKTIONEN	43012	ELEKTROMAGN. WECHSELWIRKUNG, KERNREAKTIONEN	43018
SPERSE SYSTEME	59500	ELEKTROMAGN. WECHSELWIRKUNG, LEPTONEN	41560
		ELEKTROMAGNETISCHE STRAHLUNG IN PLASMEN	57090

ELEKTROMAGNETISCHE WELLEN	29000	EXOELEKTRONENEMISSION AUS GRENZFLAECHE	7458
ELEKTROMAGNETISCHE WELLEN IN PLASMEN	57075	EXPLOSIONEN, THERMODYNAMIK	2455
ELEKTROMAGNETISCHE WELLEN, ERZEUGUNG	27520	EXTINKTION	2906
ELEKTRON-ELEKTRON-STREUUNG IM FESTKOERPER	70076	EXTRAGALAKTISCHE PHAENOMENE, ASTROPHYSIK	9450
ELEKTRON-HADRON-WECHSELWIRKUNG	41576	EXZITONEN, ELEKTRONEN IM FESTKOERPER	7005
ELEKTRON-KERN-DOPPELRESONANZ IM FK	73375	EXZITONENSTREUUNG DER LEITUNGSELEKTRONEN, FK	7007
ELEKTRON-MOLEKUEL-STREUUNG	52580		
ELEKTRONEN AN UND AUS GRENZFLAECHE	74560		
ELEKTRONEN IM FESTKOERPER, QUASIFREIE	70000		
ELEKTRONEN IM KRISTALL, GEBUNDEN	65545	F-SCHICHT, IONOSPHERE	9100
ELEKTRONEN-SPIN-RESONANZ, FESTKOERPERPHYSIK	73355	FADDEJEV-GLEICHUNG, STREUTHEORIE	1658
ELEKTRONEN, KERNREAKTIONEN	43030	FARADAY-DREHUNG, PLASMA DIAGNOSTIK	5720
ELEKTRONENANORDNUNG, ATOME	52010	FARADAY-EFFEKT	2908
ELEKTRONENANORDNUNG, MOLEKUELE	52510	FARADAY-ROTATION, MAGNETOPTIK	7361
ELEKTRONENBEUGUNG, KRISTALLSTRUKTUR	65574	FARBMESSUNG, PHYSIOLOGISCHE OPTIK	9662
ELEKTRONENDICHTEN, PLASMAPHYSIK	57023	FARBSTOFFLASER	2804
ELEKTRONENDURCHGANG DURCH MATERIE	44033	FARBWAHRNEHMUNG, PHYSIOLOGISCHE OPTIK	9661
ELEKTRONENEINFANG, KERNSPEKTROSKOPIE	42515	FARBZENTREN, KRISTALLGITTERSTOERUNGEN	6603
ELEKTRONENEMISSION AUS GRENZFLAECHE	74560	FEINSTRUKTUR, ATOMSPEKTREN	5202
ELEKTRONENGAS IM FESTKOERPER	70010	FEINSTRUKTUR, MOLEKUELSPEKTREN	5254
ELEKTRONENMIKROSKOPIE	27030	FELDELEKTRONENMIKROSKOP	2703
ELEKTRONENOPTIK	27016	FELDEMISSION AUS GRENZFLAECHE	7457
ELEKTRONENQUELLEN, BESCHLEUNIGER	41010	FELDER IM KRISTALL	6554
ELEKTRONENRESONANZEN, FESTKOERPERPHYSIK	73350	FELDER UND TEILCHEN, ELEKTRODYNAMIK	2654
ELEKTRONENROEHREN	27050	FELDER UND WELLEN IN PLASMEN	5707
ELEKTRONENSPEKTREN, MOLEKUELE	52522	FELDER, ELEKTRODYNAMIK	2650
ELEKTRONENSPINRESONANZEN, MOLEKUELE	52547	FELDGROESSEN, ELEKTR.-MAGN., MESSUNG	2601
ELEKTRONENSTRAHLEN, PLASMAPHYSIK	57235	FELDOBSERVABLE, QUANTENFELDTHEORIE	1701
ELEKTRONENSTRAHLTECHNIK, PLASMA DIAGNOSTIK	57213	FELDTHEORIE, GRAVITATION	1800
ELEKTRONENSTREUUNG AN ATOMEN	52070	FELDVERTEILUNG IM KRISTALL	6554
ELEKTRONENSTREUUNG AN GITTERFEHLERN IM FK	70070	FERMI-FLAECHE, ELEKTRONEN IM FESTKOERPER	7002
ELEKTRONENTEMPATUREN, PLASMAPHYSIK	57020	FERMIONENSYSTEME, VIELTEILCHENSYSTEME	1756
ELEKTRONENTRANSPORT IM FESTKOERPER	70060	FERRIMAGNETISCHE EIGENSCHAFTEN, FESTKOERPER	6904
ELEKTROPTIK	29088	FERRIMAGNETISCHE RESONANZ IM FESTKOERPER	7336
ELEKTROOPTISCHE EFFEKTE, FESTKOERPERPHYSIK	73610	FERRITE	8403
ELEKTROSMOSE, SOLE UND GELE	59525	FERROELEKTRIZITAET, FESTKOERPERPHYSIK	6803
ELEKTROPHORESE, SOLE UND GELE	59525	FERROMAGNETISCHE DUENNE SCHICHTEN	7405
ELEKTROSTATISCHE WELLEN, PLASMAPHYSIK	57085	FERROMAGNETISCHE EIGENSCHAFTEN, FESTKOERPER	6904
ELEKTROSTRIKTION, DIELEKTRIKA	68050	FERROMAGNETISCHE RESONANZ IM FESTKOERPER	7336
ELEMENTARPROZESSE IM PLASMA	57010	FERROMAGNETISMUS, THEORIE	6902
ELEMENTARPROZESSE, LUMINESZENZ FESTER STOFFE	73625	FESTE LOESUNGEN, KRISTALLSTRUKTUREN	6550
ELEMENTARTEILCHENPHYSIK	41500	FESTIGKEIT, FESTKOERPER	6653
ELEMENTARTEILCHENPHYSIK, DARSTELLUNG	12040	FESTKOERPER, DUENNE SCHICHTEN	7400
ELEMENTARTEILCHENPHYSIK, EINFUEHRUNGEN	11545	FESTKOERPER UNTER HOHER SPANNUNG	6654
ELEMENTARTEILCHENPHYSIK, FACHTAGUNGEN	10545	FESTKOERPER, DIELEKTRISCHE EIGENSCHAFTEN	6800
ELEMENTARTEILCHENPHYSIK, ZUSAMMENFASSUNGEN	11245	FESTKOERPER, ELEKTRONISCHE EIGENSCHAFTEN	7000
ELEMENTHAEUFIGKEITEN	94586	FESTKOERPER, GITTERDYNAMIK	6700
ELEMENTSYNTHESE, KOSMOLOGIE	94586	FESTKOERPER, GRENZFLAECHE	7450
ELLIPSOIDE	28526	FESTKOERPER, HALBLEITUNG	7150
EMISSION ELEKTROMAGN. STRAHLUNG, PLASMEN	57093	FESTKOERPER, KRISTALLBAUFehler	6600
EMISSION, DYNAMIK DER MAGNETOSPHERE	91260	FESTKOERPER, KRISTALLSTRUKTUR	6550
EMISSION, ELEKTRONEN UND IONEN, GRENZFLAECHE	74560	FESTKOERPER, MAGNETISCHE EIGENSCHAFTEN	6900
EMISSION, IONOSPHERE	91078	FESTKOERPER, MECHANISCHE EIGENSCHAFTEN	6650
EMISSION, KONTINUIERLICHE OPTISCHE	29066	FESTKOERPER, OPTISCHE EIGENSCHAFTEN	7360
EMISSIONSSPEKTREN, FESTKOERPER	73300	FESTKOERPER, SPEKTREN	7330
EMISSIONSSPEKTREN, FLUESSIGKEITEN	58573	FESTKOERPER, THERMISCHE EIGENSCHAFTEN	6750
EMPFANGENDER, HOCHFREQUENZ	27550	FESTKOERPERLASER	2800
EMPFANGENDER, OPTISCHE UND IR	28550	FESTKOERPERPHYSIK	6500
EMULSION, DISPERSE SYSTEME	59530	FESTKOERPERPHYSIK, DARSTELLUNG	1200
EMULSION, KERNPHYS. MESSVERFAHREN	40565	FESTKOERPERPHYSIK, EINFUEHRUNGEN	1150
ENDOR, FESTKOERPERPHYSIK	73375	FESTKOERPERPHYSIK, FACHTAGUNGEN	1050
ENERGIE-DIREKTUMWANDLUNG	12580	FESTKOERPERPHYSIK, ZUSAMMENFASSUNGEN	1120
ENERGIEBAENDER, ELEKTRONEN IM FESTKOERPER	70022	FEUERBALL, ELEMENTARTEILCHENREAKTIONEN	4170
ENERGIEERZEUGUNG DER STERNE	94040	FEYNMAN-DIAGRAMME, QUANTENFELDTHEORIE	1700
ENERGIELEVELS, QUANTENMECHANIK	16533	FEYNMAN-DIAGRAMME, SINGULARITAETEN	1650
ENERGIERZEUGUNG, KERNREAKTOREN	43550	FIBEROPTIK	2900
ENERGIESPEKTROMETER, KERNSTRAHLUNGSMESSUNG	40530	FILME, FESTKOERPERPHYSIK	7400
ENERGIEVERLUSTE, CHARAKTERISTISCHE, FESTKOERPER	66062	FILTER, HOCHFREQUENZ	2750
ENTFLAMMVERMOEGEN, THERMODYNAMIK	24556	FILTER, OPTISCHE	2850
ENTGASEN IN VAKUUMSYSTEMEN	13020	FLARES, SONNENBEREICHE	9330
ENTHALPIE, FESTKOERPERPHYSIK	67510	FLIESSSEN, PLASTISCHES	2250
ENTHALPIE, THERMODYNAMIK	24510	FLUESSIGE KRISTALLE	5850
ENTHALPIE, THERMODYNAMIK DER PLASMEN	57017	FLUESSIGES HELIUM	5850
ENTLADUNGEN, GAS-	57800	FLUESSIGKEITEN	5850
ENTLADUNGSKAMMER, KERNSTRAHLUNGSMESSUNG	40560	FLUESSIGKEITEN, DARSTELLUNG	1200
ENTMAGNETISIERUNG, ADIABATISCHE	69075	FLUESSIGKEITEN, EINFUEHRUNGEN	1150
ENTROPIE, FESTKOERPERPHYSIK	67510	FLUESSIGKEITEN, FACHTAGUNGEN	1050
ENTROPIE, THERMODYNAMIK	24510	FLUESSIGKEITEN, UNTERKUEHLTE	5850
ENTROPIE, THERMODYNAMIK DER PLASMEN	57017	FLUESSIGKEITEN, ZUSAMMENFASSUNGEN	1120
ENTWICKLUNG DER STERNE	94040	FLUKTUATION, QUERSCHNITT VON KERNREAKTIONEN	4300
EPITAXIE DUENNER SCHICHTEN, FESTKOERPERPHYSIK	74010	FLUORESZENZ IN FESTEN STOFFEN	7360
ERDAKALIMETALLE	83010	FLUORESZENZ IN FLUESSIGKEITEN	5850
ERDFIGUR, GEODAESIE	90230	FLUORIDE	8400
ERDKOERPER, PHYSIK	90200	FOKKER-PLANCK-GLEICHUNG, PLASMAPHYSIK	5700
ERDMOND	93640	FOKUSSIERUNG, BESCHLEUNIGER	4100
ERDSTROEME, GEOMAGNETISMUS	90460	FORBUSH-EFFEKT, KOSMISCHE STRAHLUNG	9060
ERGODENTHEORIE, STATISTISCHE MECHANIK	17520	FORMALISMUS, QUANTENFELDTHEORIE	1700
ERHALTUNGSSATZ, ALLG. RELATIVITAETSTHEORIE	18045	FORMFAKTOREN, ATOMKERNE	4200
ERHALTUNGSSATZ, QUANTENFELDTHEORIE	17015	FORMFAKTOREN, ELEMENTARTEILCHEN	4150
ERHITZEN UNTER VAKUUM	13050	FRANCK-CONDON-FAKTOREN, MOLEKUELSPEKTREN	5250
ERSTARREN, FESTKOERPERPHYSIK	67556	FRANZ-KELDYSH-EFFEKT, FESTKOERPEROPTIK	7360
ERSTARREN, PHYSIK DER FLUESSIGKEITEN	58555	FREMDATOME UND LEITUNGSELEKTRONEN, FESTKOERPER	7000
ERUPTIONEN DER SONNE	93326	FREMDATOME, KRISTALLGITTERSTOERUNGEN	6600
ERZEUGUNG VON LADUNGSTRAEGERN, HALBLEITUNG	71560	FREMDSTRAHLUNG, PLASMA DIAGNOSTIK	5720
ETTINGSHAUSEN-MERNST-EFFEKT, HALBLEITUNG	71550	FREQUENZMESSUNG	2600

ASENTLADUNG, GASENTLADUNG	57870	GRENZFLAECHEEN DES FK, ZUSAMMENFASSUNGEN	11266
UNKENENTLADUNG, PLASMAERZEUGUNG	57276	GRENZFLAECHEEN VON LEITERN, FESTKOEPPERPHYSIK	74550
UNKENKAMMER, KERNSTRAHLUNGSMESSUNG	40560	GRENZSCHICHT IN DER MAGNETOSPHERE	91280
UNKENZAehler, KERNSTRAHLUNGSMESSUNG	40515	GRENZSCHICHTEN, HYDRO- UND AERODYNAMIK	23030
UNKTIONALANALYSIS	16513	GRENZSCHICHTEN, MAGNETOGASDYNAMIK	57050
USION, PLASMA BESCHLEUNIGER	57250	GROESSEN (DEFINITION, DIMENSIONEN)	12210
		GRUNDVORGAEENGE, BIOLOGISCHE	96000
		GRUPPENTHEOR. SYSTEMATIK, ELEMENTARTEILCHEN	41510
-FAKTOREN, ELEKTRONEN IM FESTKOEPPER	70035	GRUPPENTHEOR. SYSTEMATIK, HADRONEN	41753
ALAKTISCHE EXPLOSIONEN, QUASARS	94560	GRUPPENTHEORIE, QUANTENTHEORIE	16516
ALAKTISCHE PHAENOMENE, ASTROPHYSIK	94500	GUNN-EFFEKT, HEISSE ELEKTRONEN, HALBLEITUNG	71540
ALAXIEN, ASTROPHYSIK	94510		
ALAXIEN, ENTSTEHUNG, KOSMOGONIE	94586	H-THEOREM, STATISTISCHE MECHANIK	17520
ALAXIS, ASTROPHYSIK	94510	HADRONEN-SPEKTROSKOPIE	41762
ALLIUM	85017	HADRONEN, GRUPPENTHEORETISCHE SYSTEMATIK	41753
ALVANOMAGNETISCHE EIGENSCHAFTEN, HALBLEITUNG	71520	HADRONENPHYSIK, THEORIE UND MODELLE	41750
AMMA-HADRON-WECHSELWIRKUNG	41572	HAERTE, FESTKOEPPER	66518
AMMAQUELLEN, ASTROPHYSIK	94540	HAEFUGIGKEITEN DER ELEMENTE, KOSMOGONIE	94586
AMMASTRAHLUNG IN MATERIE	44020	HAFTSTELLEN VON LADUNGSTRAEGERN, HALBLEITUNG	71563
AMMASTRAHLUNG, SONNENSPEKTRUM	93316	HALBLEITENDE MATERIALIEN, HERSTELLUNG	71510
AMMAUEBERGAEENGE, KERN SPEKTROSKOPIE	42510	HALBLEITER	71500
ANTMAKHER-EFFEKT, ELEKTRONEN IM FESTKOEPPER	70022	HALBLEITER, ENERGIEBAENDER	70026
ASDYNAMIK	23060	HALBLEITER, TECHNISCHE ANWENDUNG	26060
ASE, PHYSIK UND EIGENSCHAFTEN	58000	HALBLEITERDETEKTOREN, STRAHLUNGSMESSUNG	40520
ASENTLADUNGEN	57800	HALBLEITERLASER	28050
ASENTLADUNGSLAMPEN	28513	HALBLEITEROPTIK, FESTKOEPPERPHYSIK	73605
ASLASER	28055	HALBLEITERRAUSCHEN, FESTKOEPPERPHYSIK	71590
ASLINSEN, OPTISCHE	29050	HALBLEITERSPEKTROMETER, KERNSTRAHLUNG	40540
ASNEBEL, ASTROPHYSIK	94520	HALBMETALLE UND DEREN LEGIERUNGEN	83500
ASSTROEMUNG UNTER VAKUUM	13060	HALBMETALLE, LEGIERUNGEN MIT METALLEN	83090
EBURTSTAGE, BIOGRAPHISCHES	10212	HALBWERTSZEITEN, RADIOAKTIVITAET	42500
EDENKTAGE, BIOGRAPHISCHES	10218	HALL-BESCHLEUNIGER, PLASMA BESCHLEUNIGUNG	57273
EIGER-ZAEHLER, STRAHLUNGSMESSUNG	40512	HALL-EFFEKT, ELEKTRONEN IM FESTKOEPPER	70065
ELADENE TEILCHEN IN MATERIE	44030	HALL-EFFEKT, HALBLEITUNG	71520
ELE, DISPERSE SYSTEME	59520	HALL-EFFEKT, METALLISCHE LEITUNG	71010
EMISCHE MIT METALLEN	83000	HALOGENE	83560
EMISCHE ZWISCHEN VERBINDUNGSGRUPPIERUNGEN	84085	HALOGENIDE	84050
EO DAESIE	90230	HANDBUECHER	11030
EO MAGNETISMUS	90400	HARMONISCHE, NICHTLINEARE OPTIK	73380
EO METRIE, MATHEMATISCHE PHYSIK	18010	HARTE SUPRALEITER, FESTKOEPPERPHYSIK	70520
EO METRISCHE OPTIK	29070	HARTREE-FOCK-METHODE, ATOMHUELLE	52010
EO PHYSIK	90000	HARTREE-FOCK-METHODE, KERNSTRUKTUR	42020
EO PHYSIK, DARSTELLUNG	12060	HARTREE-FOCK-METHODE, MOLEKUELSTRUKTUR	52510
EO PHYSIK, EINFUEHRUNGEN	11570	HE 3, KERNREAKTIONEN	43075
EO PHYSIK, FACHTAGUNGEN	10570	HEISENBERG-MODELL, FERROMAGNETISMUS	69025
EO PHYSIK, ZUSAMMENFASSUNGEN	11270	HEISENBERG-THEORIE, QUANTENFELDTHEORIE	17050
ERAEU SCHE	23560	HEISSE ELEKTRONEN, HALBLEITUNG	71540
ERMANIDE	84016	HEIZVORRICHTUNGEN	12525
ERMANIUM	83526	HELIKON-WELLEN, ELEKTRONEN IM FESTKOEPPER	70056
ESAMTHEITEN, KLASSISCHE STATISTIK	17526	HELIUM, FLUESSIGES	58525
ESCHICHTLICHES	10220	HF-RESONANZ-SPEKTROSKOPIE, ATOMPHYSIK	52035
ESCHWINDIGKEIT, MESSUNG, MECHANIK	22034	HF-RESONANZ-SPEKTROSKOPIE, FESTKOEPPERPHYSIK	73345
ESSELLSCHAFTEN	10240	HF-RESONANZ-SPEKTROSKOPIE, MOLEKUELPHYSIK	52550
ESSELLSCHAFTEN, TAGUNGEN	10510	HIMMELSMCHANIK	22010
ESTEINSMAGNETISMUS, GEOMAGNETISMUS	90430	HOCHDRUCKENTLADUNG, GASENTLADUNG	57860
ETTERPUMPEN	13025	HOCHFREQUENZ-MESSTECHNIK	27500
ETTERWIRKUNG, SORPTION	74530	HOCHFREQUENZ-SPEKTROSKOPIE, APPARATE	27560
EWICHT, MESSUNG	22038	HOCHFREQUENZENTLADUNG, GASENTLADUNG	57880
EZEITEN, ERDKOEPPER	90235	HOCHSPANNUNGSPHYSIK	26040
EZEITEN, NEUTRALE ATMOSPHERE	90840	HOECHSTDRUCKENTLADUNG, GASENTLADUNG	57860
ETTER, KRISTALLSTRUKTUR	65580	HOECHSTENERGIEPROZESSE, ELEMENTARTEILCHEN	41783
ETTERDEFEKTE DURCH BESTRAHLUNG, FESTKOEPPER	66065	HOEHENSTRAHLUNG, GEOPHYSIK	90600
ETTERDEFEKTE, FESTKOEPPER UNTER HOHEM DRUCK	66545	HOEHENSTRAHLUNG, URSPRUNG, ASTROPHYSIK	94530
ETTERDYNAMIK	67000	HOERVORGANG, PHYSIOLOGISCHE AKUSTIK	96310
ETTERDYNAMIK, EINFUEHRUNGEN	11563	HOHLLEITER, MIKROWELLEN	27530
ETTERDYNAMIK, FACHTAGUNGEN	10563	HOLOGRAPHIE	28570
ETTERDYNAMIK, FESTKOEPPER BEI BESTRAHLUNG	66070	HUELLENSTERNE, VERAENDERLICHE	94050
ETTERDYNAMIK, FESTKOEPPER UNTER HOHEM DRUCK	66550	HYDRIDE	84040
ETTERDYNAMIK, ZUSAMMENFASSUNGEN	11263	HYDRODYNAMIK	23000
ETTERKONSTANTEN, KRISTALLE	65580	HYDROGRAPHIE	90260
ETTERKRAEFTE, KRISTALLE	65530	HYDROMAGNETISCHE EMISSIONEN, GEOMAGNETISMUS	90450
ETTERSCHWINGUNGEN GESTOERTER GITTER	67040	HYGROMETRIE	24070
ETTERSCHWINGUNGEN, FESTKOEPPERPHYSIK	67000	HYPERFEINFELDER, KRISTALLE	65545
ETTERSTOERUNGEN, GITTERDYNAMIK	67040	HYPERFEINSTRUKTUR, ATOMSPEKTREN	52030
ETTERSTOERUNGEN, KRISTALLE	66010	HYPERFEINSTRUKTUR, MOLEKUELSPEKTREN	52543
ETTERSTOERUNGEN, LEITUNGSELEKTRONEN	70070	HYPERKERNE, ELEMENTARTEILCHEN	41786
LAESER, PHYSIK DER FLUESSIGKEITEN	58530	HYPERONEN, SPEKTROSKOPIE	41773
LEICHOEWICHT, THERMODYNAMIK	24540	HYSTERESE, FESTKOEPPERMAGNETISMUS	69015
LEICHOEWICHT, THERMODYNAMIK DER PLASMEN	57017		
LIMMENTLADUNG, GASENTLADUNG	57850		
LUEHEMISSION, ELEKTRONEN AUS GRENZFLAECHEEN	74566		
LANATE	84076	IMPULSGENERATOREN	27526
LAPHEN, QUANTENFELDTHEORIE	17030	IMPULSHOEHENANALYSATOR, STRAHLUNGSMESSUNG	40503
LAPHIT	83513	IMPULSSPEKTROMETER, KERNSTRAHLUNGSMESSUNG	40530
LAVITATIONSFELD, QUANTENFELDTHEORIE	17050	INDIUM	83017
LAVITATIONSKOLLAPS, ASTROPHYSIK	94570	INDUKTION, ELEKTRODYNAMIK	26520
LAVITATIONSTHEORIEN, MATHEMATISCHE PHYSIK	18060	INFORMATIONSTHEORIE, AKUSTIK	23560
LAVITATIONSWECHSELWIRKUNG, ELEMENTARTEILCHEN	41535	INFORMATIONSTHEORIE, OPTIK	29010
LAVITATIONSWELLEN, RELATIVITAETSTHEORIE	18045	INFRAROT-BRECHUNG	29055
REENSCHKE FUNKTION, QUANTENFELDTHEORIE	17010	INFRAROT-EMPFAENGER	28553
REENSCHKE FUNKTION, VIELTEILCHENSYSTEME	17560	INFRAROT-INTERFERENZ	29035
RENZFLAECHEEN DES FK	74500	INFRAROT-STREUUNG	29045
RENZFLAECHEEN DES FK, EINFUEHRUNGEN	11566	INFRAROTSCHWINGUNGEN, GITTERDYNAMIK	67020
RENZFLAECHEEN DES FK, FACHTAGUNGEN	10566	INFRAROTSPEKTREN, FESTKOEPPER	73330

INFRAROTSPEKTREN, MOLEKUELE	52530	KERNPHYSIKALISCHE MESSVERFAHREN, EINFUEHRUNGEN	1154
INNERE REIBUNG, GITTERDYNAMIK	67070	KERNPHYSIKALISCHE MESSVERFAHREN, FACHTAGUNGEN	1054
INSTABILITAETEN, APPARATIVE, PLASMAPHYSIK	57250	KERNPHYSIKALISCHE MESSVERFAHREN, ZUSAMMENFSSG.	1124
INSTABILITAETEN, HYDRO- UND AERODYNAMIK	23050	KERNPOLARISATION, DYNAMISCHE, IM FESTKOERPER	7337
INSTABILITAETEN, PLASMAPHYSIK	57055	KERNPROZESSE IN STERNEN	9404
INSTITUTE	10230	KERNQUADRUPLRESONANZ, FESTKOERPERPHYSIK	7337
INSTRUMENTE, ASTROPHYSIK	93020	KERNRADIIEN	4203
INSTRUMENTE, OPTISCHE	28500	KERNREAKTIONEN	4300
INTEGRALDARSTELLUNGEN, STREUTHEORIE	16580	KERNREAKTIONEN, BEI HOECHSTENERGIE	4178
INTEGRALE METHODEN, STRAHLUNGSMESSUNG	40525	KERNREAKTOREN	4350
INTEGRALGLEICHUNGEN	16020	KERNREAKTOREN, FACHTAGUNGEN	1054
INTEGRALGLEICHUNGEN DER STREUTHEORIE	16570	KERNREAKTOREN, ZUSAMMENFASSUNGEN	1124
INTEGRALTRANSFORMATIONEN	16020	KERNSPALTUNG, KERNREAKTIONEN	4309
INTENSITAETEN, ATOMSPEKTREN	52040	KERNSPETROSKOPIE	4250
INTENSITAETEN, MOLEKUELSPEKTREN	52560	KERNSPETROSKOPIE, SPEZIELLE KERNE	4253
INTERFERENZ, MIKROWELLEN	29033	KERNSPINRESONANZEN, MOLEKUELE	5255
INTERFERENZ, OPTIK	29030	KERNSPURDETEKTOREN	4055
INTERFERENZ, RADIOWELLEN	29033	KERNSTRAHLUNG IN MATERIE	4401
INTERFERENZ, ROENTGEN-STRAHLEN	29038	KERNSTRUKTUR	4200
INTERFEROMETER	28545	KERNZERFALL, KERNSPETROSKOPIE	4252
INTERFEROMETER, LASER	28040	KERR-EFFEKT	2908
INTERFEROMETER, PLASMADIAGNOSTIK	57206	KERR-EFFEKT, FESTKOERPEROPTIK	7361
INTERMETALLISCHE VERBINDUNGEN	83000	KINETISCHE GASTHEORIE, PHYSIK DER GASE	5801
INTERNATIONALE TAGUNGEN	10505	KINETISCHE GLEICHUNGEN, PLASMAPHYSIK	5702
INTERPLANETARER RAUM	93650	KINETISCHE THEORIE DER FLUESSIGKEITEN	5852
INTERSTELLARE MATERIE	94520	KINETISCHE THEORIE, STATISTISCHE MECHANIK	1752
INVAR, UEBERGANGSMETALLE 4. PERIODE	83040	KINETISCHES VERHALTEN, KERNREAKTOREN	4351
INVERSES PROBLEM DER STREUTHEORIE	16553	KIRKENDAL-EFFEKT, SELBSTDIFFUSION	6602
ION-ATOM-STREUUNG	52065	KLASSISCHE FELDTHEORIE, MATHEMATISCHE PHYSIK	1802
ION-MOLEKUEL-STREUUNG	52575	KLASSISCHE STATISTIK, STATISTISCHE MECHANIK	1752
IONEN AN UND AUS GRENZFLAECHE, FK	74560	KLYSTRON	2705
IONENGETTERPUMPEN	13025	KNIGHT-SHIFT, FESTKOERPERPHYSIK	7337
IONENLEITUNG, FLUESSIGKEITEN	58565	KOHAERENZ, LASER	2803
IONENLEITUNG, HALBLEITUNG	71585	KOHAERENZ, OPTISCHE	2902
IONENMIKROSKOPIE, ANWENDUNGEN	27040	KOHLENSTOFF	8351
IONENOPTIK	27013	KOLLEKTIVE ANREGUNGEN, VIELTEILCHENSYSTEME	1756
IONENQUELLEN, BESCHLEUNIGER	41010	KOLLEKTIVES MODELL, KERNSTRUKTUR	4207
IONENSTRAHLEN, PLASMAPHYSIK	57235	KOLLOIDE, DISPERSE SYSTEME	5950
IONENTEMPORATUREN, PLASMAPHYSIK	57020	KOLORIMETRIE	2858
IONISATION VON ATOMEN	52060	KOMBINATIONSSSTREUUNG, FESTKOERPER	7334
IONISATION VON MOLEKULEN	52570	KOMBINATIONSSSTREUUNG, FLUESSIGKEITEN	5857
IONISATION, ELEMENTARPROZESSE IM PLASMA	57010	KOMBINATIONSSSTREUUNG, MOLEKUELE	5254
IONISATIONSVAKUUMMETER	13016	KOMETEN	9362
IONISATIONSVERLUSTE GELADENER TEILCHEN	44030	KOMMUTATOREN, QUANTENMECHANIK	1652
IONISATIONSZAEHLER, STRAHLUNGSMESSUNG	40512	KOMPRESSIBILITAET, FESTKOERPER	6651
IONOSPHERE, GEOPHYSIK	91000	KOMPRESSIBILITAET, FLUESSIGKEITEN	5854
IONOSPHERE, SCHWEREWELLEN	90840	KOMPRESSIBILITAET, GASE	5802
IONOSPHERE, WELLENDAUSBREITUNG	91070	KONDENSATOREN	2605
IONOSPHERISCHE EMISSIONEN	91078	KONDENSIEREN, PHYSIK DER GASE	5804
IRREVERSIBLE PROZESSE, THERMODYNAMIK	24552	KONDO-EFFEKT, STREUUNG DER LEITUNGSELEKTRONEN	7007
ISING-MODELL, FERROMAGNETISMUS	69025	KONSTANTEN, PHYSIKALISCHE	1222
ISING-MODELL, QUANTENSTATISTIK	17530	KONTAKT, ELEKTRISCHER, FESTKOERPERPHYSIK	7455
ISOBARE ANALOGZUSTAENDE, KERNREAKTIONEN	43050	KONTAKTPOTENTIAL AN GRENZFLAECHE VON LEITERN	7455
ISOTOPENTRENNUNG	40580	KONTINUIERLICHE ATOMSPEKTREN	5204
ISOTOPIEEFFEKT, ATOME	52030	KONTINUIERLICHE SPEKTREN, QUANTENMECHANIK	1653
ISOTOPIEEFFEKT, MOLEKUELE	52543	KONTINUUMSINTENSITAETEN, PLASMADIAGNOSTIK	5721
		KONTRASTUEBERTRAGUNGSTHEORIE	2901
JODIDE	84057	KONTROLLE, KERNREAKTOREN	4352
JOSEPHSON-EFFEKT, SUPRALEITUNG	70520	KONVERSIONSELEKTRONEN, KERNSPETROSKOPIE	4251
JOST-FUNKTION, STREUTHEORIE	16575	KORNGRENZEN, REALKRISTALLE	6604
		KORONA DER SONNE	9332
K-BARYON WECHSELWIRKUNG	41730	KORONA-GLEICHUNG, PLASMAPHYSIK	5701
K-MESONENFAMILIE, SPEKTROSKOPIE	41770	KORONAENTLADUNG, GASENTLADUNG	5787
KADMIUM	83080	KORPUSKULARE STRAHLUNG, NACHWEIS	4051
KAEITEMITTEL	12530	KORPUSKULARSTRAHLOPTIK	2700
KAELETETECHNISCHE LABORAUSRUESTUNG	12530	KORPUSKULARSTRAHLUNG DER SONNE	9334
KALORIMETER, PLASMADIAGNOSTIK	57216	KOSMISCHE STRAHLUNG, GEOPHYSIK	9060
KALORIMETRIE	24040	KOSMISCHE STRAHLUNG, URSPRUNG, ASTROPHYSIK	9453
KALTE NEUTRONEN IN MATERIE	44010	KOSMOLOGIE, ASTROPHYSIK	9458
KAPAZITAETSMESSUNG	26012	KOSMOLOGIE, ASTROPHYSIK	9458
KARBIDE	84013	KRAEFTE IM GITTER, KRISTALLE	6553
KARBONATE	84078	KRAFT, MESSUNG	2203
KASKADEN, ELEMENTARTEILCHENREAKTIONEN	41783	KRAFTWERKREAKTOREN	4355
KASKADEN, KOSMISCHE STRAHLUNG	90646	KREUZMATRIZEN, QUANTENTHEORIE	1655
KATAPHORESE, SOLE UND GELE	59525	KRISTALLBAUFEHLER	6600
KATHODOLUMINESZENZ FESTER STOFFE	73650	KRISTALLE, FLUESSIGE	5853
KAUSALITAET, AXIOMATISCHE QUANTENFELDTHEORIE	17060	KRISTALLELEKTRONEN, GEBUNDENE	6554
KAVITATION, HYDRO- UND AERODYNAMIK	23070	KRISTALLFELDER	6554
KEIMBILDUNG, KRISTALLWACHSTUM	65512	KRISTALLOGRAPHIE	6556
KERN-MESON-WECHSELWIRKUNG	41735	KRISTALLOPTIK	2908
KERNDOPPELRESONANZEN, FESTKOERPERPHYSIK	73370	KRISTALLSPEKTROMETER, KERNSTRAHLUNGSMESSUNG	4053
KERNEMULSIONEN ALS KERNSPURDETEKTOREN	40565	KRISTALLSTRUKTUR, GITTERKONSTANTEN	6558
KERNKRAEFTE, THEORIE	42040	KRISTALLWACHSTUM	6551
KERNMAGNETISCHE RESONANZ, FESTKOERPERPHYSIK	73370	KRISTALLZAEHLER, STRAHLUNGSMESSUNG	4051
KERNMODELLE	42060	KRITISCHE FELDER UND STROEME, SUPRALEITUNG	7053
KERNNIVEAUS	42530	KRITISCHE GROESSE, KERNREAKTOREN	4351
KERNPHOTOEFFEKT, KERNREAKTIONEN	43020	KRITISCHE PUNKTE, PHASENUEBERGAENGE	2453
KERNPHYSIK	42000	KRYOPUMPEN	1302
KERNPHYSIK, DARSTELLUNG	12040	KRYOSTATEN	1253
KERNPHYSIK, EINFUEHRUNGEN	11545	KUBO-GREEN-METHODEN, STATISTISCHE PHYSIK	1754
KERNPHYSIK, FACHTAGUNGEN	10545	KUNSTGRIFFE, TECHNISCHE	1251
KERNPHYSIK, ZUSAMMENFASSUNGEN	11245	KUNSTSTOFFE, MAKROMOLEKUELE	5356
KERNPHYSIKALISCHE MESSVERFAHREN	40500	KURZEITANALYSE, OPTISCHE METHODEN	2851
		KURZEITMETHODEN, PLASMADIAGNOSTIK	5720
		KYBERNETIK	1222

AKUSTIK, ACOUSTIK	12500	MAGNETISCHE EIGENSCHAFTEN, FK, BESTRAHLUNG	66073
ORTECHNIK, EINFUEHRUNGEN	12500	MAGNETISCHE EIGENSCHAFTEN, FK, HOHER DRUCK	66553
ORTECHNIK, FACHTAGUNGEN	11525	MAGNETISCHE EIGENSCHAFTEN, FLUESSIGKEITEN	58560
ORTECHNIK, ZUSAMMENFASSUNGEN	10525	MAGNETISCHE EIGENSCHAFTEN, GASE	58050
UNGAUSTAUSCH, ATOMWECHSELWIRKUNGEN	11225	MAGNETISCHE FLASCHE, PLASMAEINSCHLUSS	57266
UNGAUSTAUSCH, MOLEKUELWECHSELWIRKUNGEN	52065	MAGNETISCHE PULSATION, GEOMAGNETISMUS	90450
UNGSTRAEGER-ERZEUGUNG, HALBLEITUNG	52575	MAGNETISCHE RESONANZEN, EINFUEHRUNGEN	11550
UNGSTRAEGER-STREUUNG AN KRISTALLFEHLERN	71560	MAGNETISCHE RESONANZEN, FACHTAGUNGEN	10550
UNGSVERTEILUNG IM ATOMKERN	70070	MAGNETISCHE RESONANZEN, FESTKOERPER	73345
UNGSVERTEILUNG IM KRISTALL	42030	MAGNETISCHE RESONANZEN, FLUESSIGKEITEN	58557
UNGE, MESSUNG	65540	MAGNETISCHE RESONANZEN, MOLEKUELE	52550
ERSTAETTENFORSCHUNG	22032	MAGNETISCHE RESONANZEN, ZUSAMMENFASSUNGEN	11250
HB-SHIFT, ATOMSPEKTREN	90280	MAGNETISCHE SPIGELSYSTEME, PLASMAEINSCHLUSS	57266
BD-UEBERGANG, FLUESSIGES HELIUM	52030	MAGNETISCHE UEBERGAENGE, FESTKOERPERPHYSIK	69060
DAU-KURVEN, STREUAMPLITUDE	58525	MAGNETISCHE WIDERSTANDSAENDERUNG, HALBLEITER	71520
THANIDEN	16578	MAGNETISCHE WIDERSTANDSAENDERUNG, METALLE	71010
ER	83023	MAGNETISCHE WIDERSTANDSAENDERUNG, THEORIE	70065
ER, PLASMA DIAGNOSTIK	28030	MAGNETISCHES VERHALTEN BEI TIEFEN TEMP., FK	69060
ER, PLASMAERZEUGUNG	57206	MAGNETISMUS	26000
ERANWENDUNGEN	57256	MAGNETISMUS, DARSTELLUNG	12035
EFZEITSPEKTROMETER, KERNSTRAHLUNG	28060	MAGNETISMUS, EINFUEHRUNGEN	11535
UTSPRECHER, AKUSTIK	40542	MAGNETISMUS, FACHTAGUNGEN	10535
INENBILDUNG, HEISSE ELEKTRONEN, HALBLEITUNG	23520	MAGNETISMUS, GEOPHYSIK	90400
MO-MOLEKUELWELLENFUNKTIONEN	71540	MAGNETISMUS, ZUSAMMENFASSUNGEN	11235
ENS DAUERN ANGEREGTER MOLEKUELZUSTAENDE	52510	MAGNETOAKUSTISCHE EFFEKTE, FESTKOERPER	67060
ENS DAUERN VON LADUNGSTRAEGERN, HALBLEITUNG	52560	MAGNETOAKUSTISCHER EFFEKT, ELEKTRONEN IM FK	70022
ENS DAUERN, ATOMZUSTAENDE	71566	MAGNETOELEKTRISCHER EFFEKT, FESTKOERPERPHYSIK	69080
ENS DAUERN, KERNSPEKTROSKOPIE	52040	MAGNETOGASDYNAMIK, PLASMAPHYSIK	57050
KSUCHE IN VAKUUMSYSTEMEN	42510	MAGNETOHYDRODYNAMIK, PLASMAPHYSIK	57042
MODELL, QUANTENFELDTHEORIE	13028	MAGNETOHYDRODYNAMISCHE WELLEN, PLASMAPHYSIK	57080
ERSTELLEN, KRISTALLGITTERSTOERUNGEN	17025	MAGNETOHYDROSTATIK, PLASMAPHYSIK	57040
IERUNGEN ZWISCHEN HALBMETALLEN	66015	MAGNETOKALORISCHER EFFEKT, FESTKOERPERPHYSIK	69075
IERUNGEN ZWISCHEN HALBMETALLGRUPPIERUNGEN	83500	MAGNETOMECHANISCHE EFFEKTE, FESTKOERPERPHYSIK	69070
IERUNGEN ZWISCHEN METALLGRUPPIERUNGEN	83590	MAGNETOPTIK	29086
IERUNGEN ZWISCHEN METALLIODGRUPPIERUNGEN	83085	MAGNETOPTISCHE EFFEKTE, FESTKOERPERPHYSIK	73610
IERUNGEN ZWISCHEN UEBERGANGSMETALLPERIODEN	83590	MAGNETOPOUSE IN DER MAGNETOSPHAERE	91270
IERUNGEN ZWISCHEN VERBINDUNGSGRUPPIERUNGEN	83070	MAGNETOSPHAERE, GEOPHYSIK	91200
IERUNGEN, METALLE	84085	MAGNETOSTRIKTION, FESTKOERPERPHYSIK	69070
IERUNGEN, METALLE-HALBMETALLE	83000	MAGNETOTELLURIK, GEOMAGNETISMUS	90460
IERUNGSSTRUKTUREN, GITTERKONSTANTEN	83090	MAGNETRON	27058
IRBUECHER	65588	MAKROMOLEKUELE	53500
TER, GRENZFLAECHEPHYSIK	11010	MAKROMOLEKULARE STOFFE, STRUKTUR	53535
TFAEHIGKEIT, ELEKTRISCHE, ANISOTROPIEEFFEKTE	74550	MAKROSKOPISCHE GLEICHUNGEN, PLASMAPHYSIK	57035
TFAEHIGKEIT, ELEKTRISCHE, DUENNE SCHICHTEN	70090	MAKROSKOPISCHE OBSERVABLE, STATIST. MECHANIK	17520
TFAEHIGKEIT, ELEKTRISCHE, FK, HOHER DRUCK	74040	MANDELSTAM-DARSTELLUNG, QUANTENTHEORIE	16580
TFAEHIGKEIT, ELEKTRISCHE, HALBLEITUNG	66556	MANOMETER, DRUCKMESSUNG	22036
TFAEHIGKEIT, ELEKTRISCHE, METALLE	71530	MANOMETER, VAKUUMMESSUNG	13010
TFAEHIGKEIT, ELEKTRISCHE, PLASMEN	71000	MASER	28020
TFAEHIGKEIT, ELEKTROLYTISCHE	57033	MASER, OPTISCHE	28030
TFAEHIGKEIT, THERMISCHE, FESTKOERPER	58565	MASSE, MESSUNG	22038
TFAEHIGKEIT, THERMISCHE, FLUESSIGKEITEN	67520	MASSENDEFEKT, KERNSTRUKTUR	42050
TFAEHIGKEIT, THERMISCHE, GASE	58550	MASSENDIFFERENZEN, HADRONEN	41762
TFAEHIGKEITSPARAMETER, HALBLEITEROPTIK	58030	MASSENSPEKTROMETER, APPARATIVES	40570
TUNGSELEKTRONEN IM FESTKOERPER	73605	MASSENSPEKTROMETRIE, PLASMA DIAGNOSTIK	57216
TUNEN, EIGENSCHAFTEN	70000	MASSENVERTEILUNG, KERNSTRUKTUR	42030
UCHTSTOFFE, LUMINESZENZ FESTER STOFFE	41550	MASSESPEKTROMETRIE, ATOME UND MOLEKUELE	52090
UCHTBEUGUNG, ULTRASCHALL	73670	MATERIE, INTERSTELLARE	94520
CHTELEKTRISCHER EFFEKT, AEUSSERER	23570	MATHEMATISCHE PHYSIK	16000
CHTLEITER	74570	MATHEMATISCHE PHYSIK, DARSTELLUNG	12025
CHTQUELLEN	29050	MATHEMATISCHE PHYSIK, EINFUEHRUNGEN	11520
CHTSTREUUNG, PLASMA DIAGNOSTIK	28510	MATHEMATISCHE PHYSIK, FACHTAGUNGEN	10520
E-ALGEBREN, QUANTENTHEORIE	57206	MATHEMATISCHE PHYSIK, ZUSAMMENFASSUNGEN	11220
ANDENFELDTHEORIE, KRISTALLE	16516	MAXWELLSCHES THEORIE, ELEKTRODYNAMIK	26530
EARBESCHLEUNIGER	65545	MECHANIK	22000
EAERE FELDTHEORIEN, QUANTENFELDTHEORIE	41030	MECHANIK, ANALYTISCHE	22010
ENBREITE, ATOMSPEKTREN	17025	MECHANIK, DARSTELLUNG	12030
ENBREITE, MOLEKUELSPEKTRELLINIEN	52045	MECHANIK, EINFUEHRUNGEN	11530
ENINTENSITAETEN, PLASMA DIAGNOSTIK	52562	MECHANIK, FACHTAGUNGEN	10530
ENPROFILE, PLASMA DIAGNOSTIK	57210	MECHANIK, TECHNISCHE	22050
ENSPEKTREN, ATOME	57210	MECHANIK, ZUSAMMENFASSUNGEN	11230
ENNUMKEHR, PLASMA DIAGNOSTIK	52020	MECHANISCHE EIGENSCHAFTEN, DUENNER SCHICHTEN	74030
ENVERSCHIEBUNG, ATOMSPEKTREN	57206	MECHANISCHE EIGENSCHAFTEN, FK, BESTRAHLUNG	66070
UVILLE-GLEICHUNG, PLASMAPHYSIK	52045	MECHANISCHE EIGENSCHAFTEN, FK, HOHER DRUCK	66550
SCHUNG VON GASENLADUNGEN	57026	MECHANISCHE EIGENSCHAFTEN, FLUESSIGKEITEN	58540
SUNGEN, FESTE, KRISTALLSTRUKTUREN	57815	MECHANISCHE EIGENSCHAFTEN, GASE	58020
SUNGEN, MAKROMOLEKUELE	65588	MECHANISCHE GROSSEN, MESSUNG	22030
ETEN UNTER VAKUUM	53525	MECHANISCHE LABORAUSRUESTUNG	12510
KALISIERTER ZUSTAENDE, ELEKTRONEN IM FK	13050	MEHR-ELEKTRONEN-ZUSTAENDE, FESTKOERPERPHYSIK	70050
KALITAET, AXIOMATISCHE QUANTENFELDTHEORIE	70038	MEHRPHOTONENPROZESSE, FESTKOERPERPHYSIK	73380
TELEKTRIZITAET, NEUTRALE ATMOSPHAERE	17060	MEMBRANE, PHYSIK DER FLUESSIGKEITEN	58546
THUELLE, GEOPHYSIK	90880	MESON-BARYON-WECHSELWIRKUNG	41720
FTLEUCHTEN, NEUTRALE ATMOSPHAERE	90800	MESON-KERN-WECHSELWIRKUNG	41735
TSCHAUER, KOSMISCHE STRAHLUNG	90870	MESON-MESON-WECHSELWIRKUNG	41710
LUMINESZENZ IN FLUESSIGKEITEN	90646	MESONEN, FORMFAKTOREN	41583
LUMINESZENZ, LUMINESZENZ FESTER STOFFE	58573	MESONENATOME	52050
	73670	MESONENMOLEKUELE	52565
		MESONENTHEORIE DER KERNKRAEFTE	42045
		MESONENZUSTAENDE, K-MESONENFAMILIE	41770
		MESONENZUSTAENDE, PI-MESONENFAMILIE	41764
N. FELDGRUESSEN, MESSUNG	26016	MESSEN, ALLGEMEINES	12200
NETE	26030	MESSFEHLERDISKUSSIONEN	12230
NETFELD, SONNEN OBERFLAECHE	93324	MESSINSTRUMENTE, ELEKTRISCHE	26010
NETFELDER, HOHE	26030	MESSMETHODEN, KERNREAKTOREN	43520
NETISCHE BEREICHE, FESTKOERPERPHYSIK	69035	MESSPROZESS, QUANTENMECHANIK	16523
NETISCHE EIGENSCHAFTEN, DUENNER SCHICHTEN	74050	MESSTECHNIK, HOCHFREQUENZ	27500
NETISCHE EIGENSCHAFTEN, FESTKOERPER	69000		

MESSTECHNIK, OPTISCHE	28500	NICHTGLEICHGEWICHTE, THERMODYNAMIK	2458
MESSVERFAHREN, KERNPHYSIKALISCHE	40500	NICHTLINEARE OPTISCHE EFFEKTE IM FK	7330
MESSVERFAHREN, KERNPHYSIKALISCHE, EINFUEHRUNGEN	11540	NICHTLINEARE QUANTENFELDTHEORIE	1700
MESSVERFAHREN, KERNPHYSIKALISCHE, FACHTAGUNGEN	10540	NICHTLOKALE FELDTHEORIEN, QUANTENFELDTHEORIE	1700
MESSVERFAHREN, KERNPHYSIKALISCHE, ZUSAMMENFSSG.	11240	NICKEL, METALLE	8308
MESSWERTVERARBEITUNG	12240	NIEDERDRUCKENTLADUNG, GASENTLADUNG	5788
METALL-SAUERSTOFF-ANIONEN-VERBINDUNGEN	84072	NIEDERENERGETISCHES PLASMA IN MAGNETOSPHAERE	9128
METALLE, ALLGEMEIN	83000	NILSSON-MODELL, KERNSTRUKTUR	4208
METALLE, LEGIERUNGEN MIT HALBMETALLEN	83090	NIOBATE	8408
METALLGRUPPIERUNGEN, VERBINDUNGEN ZWISCHEN	83085	NITRATE	8408
METALLISCHE LEITER, ENERGIEBAENDER	70024	NITRIDE	8408
METALLISCHE LEITFAEHIGKEIT, FESTKOERPERPHYSIK	71000	NIVEAUS SPEZIELLER KERNE	4258
METALLOID-SAUERSTOFF-ANIONEN-VERBINDUNGEN	84078	NORMALE, LICHTQUELLEN	2858
METALLOIDE UND DEREN LEGIERUNGEN	83500	NORMALFREQUENZ	2608
METALLOPTIK, FESTKOERPERPHYSIK	73605	NORMTEMPERATUR, PLASMADIAGNOSTIK	5728
METEORE	93630	NOVAE, ASTROPHYSIK	9408
METEORITEN	93630	NUCLEAR MATTER, KERNSTRUKTUR	4208
METEOROLOGIE, NEUTRALE ATMOSPHAERE	90840	NUKLEON-TRANSFER, KERNREAKTIONEN	4308
METRIK, ALLGEMEINE RELATIVITAETSTHEORIE	18042	NUKLEONEN, FORMFAKTOREN	4158
METROLOGIE	12200	NUKLEONENFAMILIE, SPEKTROSKOPIE	4178
MHD-GENERATOREN, MAGNETOHYDRODYNAMIK	57053	NUKLEONENVERTEILUNG, KERNSTRUKTUR	4208
MHD-STROMUNGEN, PLASMAPHYSIK	57045	NUMERISCHE VERFAHREN, MATHEMATIK	1608
MHD-WELLEN IN DER IONOSPHAERE	91074		
MIKROPHONE, AKUSTIK	23520		
MIKROPULSATIONEN IN DER IONOSPHAERE	91074	OBERFLAECHE FESTER KOERPER, BESTRAHLUNG	7458
MIKROSKOPE	28523	OBERFLAECHEEFFEKTE, HALBLEITUNG	7158
MIKROSKOPIE	28523	OBERFLAECHEELEKTRONENZUSTAENDE, FESTKOERPER	7008
MIKROWELLEN, BRECHUNG	29053	OBERFLAECHEREAKTIONEN, KERNREAKTIONEN	4308
MIKROWELLEN, ERZEUGUNG	27523	OBERFLAECHESPANNUNG VON FLUESSIGKEITEN	5858
MIKROWELLEN, INTERFERENZ	29033	OBERFLAECHEWELLEN, HYDRO- UND AERODYNAMIK	2308
MIKROWELLEN, PHYSIK DER FLUESSIGKEITEN	58570	OBJEKTIVE	2858
MIKROWELLEN, STREUUNG	29043	OBSERVABLE, STATISTISCHE MECHANIK	1758
MIKROWELLENROEHREN	27058	OEFEN, LABORAUSRUESTUNG	1258
MIKROWELLENSPEKTREN, ATOME	52024	OHR, PHYSIOLOGISCHE AKUSTIK	9638
MIKROWELLENSPEKTREN, MOLEKUELE	52530	OKULARE	2858
MIKROWELLENSPEKTROSKOPIE, FESTKOERPERPHYSIK	73335	OMEGATRON, VAKUUMMESSUNG	1308
MISCHKRISTALLE, GITTERKONSTANTEN	65588	OPERATOR-ALGEBREN, QUANTENFELDTHEORIE	1708
MODELLE, DYNAMISCHE, ELEMENTARTEILCHEN	41520	OPERATOREN, FUNKTIONALANALYSIS	1658
MODELLE, KERNREAKTIONEN	43005	OPERATOREN, QUANTENMECHANIK	1658
MODELLE, KERNSTRUKTUR	42060	OPTIK, ATMOSPHAERISCHE	9088
MODELLE, QUANTENMECHANIK	16533	OPTIK, DARSTELLUNG	1208
MODEN, LASER	28035	OPTIK, EINFUEHRUNGEN	1158
MODERATOREN FUER NEUTRONEN	44010	OPTIK, FACHTAGUNGEN	1058
MODULATIONSBEBERTRAGUNG, OPTISCHE	29015	OPTIK, GEOMETRISCHE	2908
MOESSBAUER-SPEKTROSKOPIE, FESTKOERPER	73310	OPTIK, MESSTECHNIK	2858
MOLEKUEL-MOLEKUEL-STREUUNG	52575	OPTIK, PHYSIKALISCHE	2908
MOLEKUELE, WECHSELWIRKUNGEN	52570	OPTIK, PHYSIOLOGISCHE	9668
MOLEKUELKONSTANTEN, BERECHNUNG	52510	OPTIK, ZUSAMMENFASSUNGEN	1128
MOLEKUELPHYSIK	52500	OPTISCHE ABBILDUNG	2908
MOLEKUELPHYSIK, DARSTELLUNG	12045	OPTISCHE AKTIVITAET, KRISTALLOPTIK	2908
MOLEKUELPHYSIK, EINFUEHRUNGEN	11550	OPTISCHE EIGENSCHAFTEN DUENNER SCHICHTEN	7408
MOLEKUELPHYSIK, FACHTAGUNGEN	10550	OPTISCHE EIGENSCHAFTEN VON FESTKOERPERN	7368
MOLEKUELPHYSIK, ZUSAMMENFASSUNGEN	11250	OPTISCHE EIGENSCHAFTEN VON FLUESSIGKEITEN	5858
MOLEKUELSPEKTROSKOPIE	52520	OPTISCHE EIGENSCHAFTEN VON GASEN	5808
MOLEKUELSTRUKTUR	52510	OPTISCHE EIGENSCHAFTEN VON MAKROMOLEKUELEN	5358
MOLEKULARGEWICHT, MAKROMOLEKUELE	53520	OPTISCHE EIGENSCHAFTEN, FK, BESTRAHLUNG	6608
MOLEKULARSTRAHLEN	52085	OPTISCHE EIGENSCHAFTEN, FK, HOHER DRUCK	6658
MOMENTE, ATOMHUELLE	52035	OPTISCHE KONSTANTEN, FESTKOERPERPHYSIK	7368
MOMENTE, KERNPEKTROSKOPIE	42525	OPTISCHE LABORAUSRUESTUNG	1258
MOND DER ERDE	93640	OPTISCHE MASER	2808
MONOGRAPHIEN	11020	OPTISCHE MESSTECHNIK UND INSTRUMENTE	2858
MONTE-CARLO-ABSCHIRMRECHNUNGEN, REAKTOREN	43540	OPTISCHE METHODEN, PLASMADIAGNOSTIK	5728
MUE-EINFANG, SCHWACHE WECHSELWIRKUNGEN	41543	OPTISCHE SPEKTRALAPPARATE	2858
		OPTISCHE SPEKTREN, ATOME	5208
		OPTISCHE SPEKTROSKOPIE, FESTKOERPERPHYSIK	7338
		OPTISCHES MODELL, KERNREAKTIONEN	4308
		ORDNUNG-UNORDNUNG, FESTKOERPERPHYSIK	6758
		ORGANISCHE VERBINDUNGEN	8408
		ORIENTIERUNG, KERNPEKTROSKOPIE	4258
		ORIENTIERUNG, STRUKTUR DUENNER SCHICHTEN	7408
		OSMOSE, PHYSIK DER FLUESSIGKEITEN	5858
		OSMOSE, SOLE UND GELE	5958
		OSZILLATIONEN, PLASMA-	5708
		OSZILLATOR, QUANTENMECHANIK	1658
		OSZILLATORENSTAEKEN, ATOMSPEKTREN	5204
		OSZILLATORENSTAEKEN, MOLEKUELSPEKTREN	5258
		OSZILLOGRAPHENROEHREN	2708
		OVERHAUSER-EFFEKT, FESTKOERPERPHYSIK	7338
		OXIDE	8408
		OZEANOGRAPHIE	9028
N/D-METHODE DER STREUTHEORIE	16575	PAARERZEUGUNG, ELEKTROMAGN. WECHSELWIRKUNG	4158
NACHLEUCHTEN, ELEMENTARPROZESSE IM PLASMA	57010	PALAEOMAGNETISMUS, GEOPHYSIK	9048
NACHRUFE, BIOGRAPHISCHES	10215	PARAELEKTRISCHE RESONANZ, FESTKOERPERPHYSIK	7338
NACHHIMMELSLICHT, NEUTRALE ATMOSPHAERE	90870	PARAELEKTRIZITAET, FESTKOERPERPHYSIK	6808
NACHWEIS KORPUSKULARER STRAHLUNG	40510	PARAMAGNETISCHE RESONANZ, FESTKOERPERPHYSIK	7338
NAEHERUNGSMETHODEN, QUANTENFELDTHEORIE	17030	PARAMAGNETISMUS, FESTKOERPERPHYSIK	6908
NAEHERUNGSMETHODEN, QUANTENMECHANIK	16530	PARAMETER-VERSTAECKER	2758
NAEHERUNGSMETHODEN, STREUTHEORIE	16560	PARITAET, KERNPEKTROSKOPIE	4258
NAREGUNGSFUNKTIONEN, KERNREAKTIONEN	43000	PARTIAETSERHALTUNG, SCHWACHE WECHSELWIRKUNGEN	4158
NEBEL, GAS-, ASTROPHYSIK	94520	PARTIALWELLENENTWICKLUNG, QUANTENTHEORIE	1658
NEBELKAMMER, KERNSTRAHLUNGSMESSUNG	40552	PASCHEN-BACK-EFFEKT, ATOME	5208
NEGATIVE IONEN	52060	PCAC, SCHWACHE WECHSELWIRKUNGEN	4158
NETZWERKE, HOCHFREQUENZ	27540	PELTIER-EFFEKT, THERMOELEKTRIZITAET	7208
NEUTRALE ATMOSPHAERE, GEOPHYSIK	90800		
NEUTRINOREAKTIONEN, SCHWACHE WECHSELWIRKUNGEN	41543		
NEUTRINO STRAHLUNG, SONNE	94040		
NEUTRONEN IN MATERIE	44010		
NEUTRONEN-IMPULS-EXPERIMENTE	44010		
NEUTRONEN, KERNREAKTIONEN	43040		
NEUTRONENABBREMSUNG, MODERATOREN	44010		
NEUTRONENBEUGUNG, MAGNETISCHE EIGENSCHAFTEN	69010		
NEUTRONENBEUGUNG, STRUKTURBESTIMMUNG, KRISTALLE	65576		
NEUTRONENDOSIMETRIE	40584		
NEUTRONENEMISSION, PLASMADIAGNOSTIK	57216		
NEUTRONENQUELLEN	40584		
NEUTRONENRESONANZEN, KERNREAKTIONEN	43040		
NEUTRONENSTERNE	94060		
NEUTRONENTRANSPORT, KERNREAKTOREN	43515		
NICHTGLEICHGEWICHTE, STATISTISCHE MECHANIK	17520		

ALLOY, UEBERGANGSMETALLE 4. PERIODE	83040	QUANTENFELDTHEORIE	17000
MANENTFELD, GEOMAGNETISMUS	90430	QUANTENHAFTE STRALUNG, NACHWEIS	40510
SENDIAGRAMM, FESTKOERPERPHYSIK	67550	QUANTENMECHANIK	16520
SENKONTRAST-MIKROSKOPIE	28523	QUANTENSTATISTIK, STATISTISCHE MECHANIK	17530
SENMESSUNG, ELEKTRISCHE	26014	QUANTENTHEORIE	16500
SENUEBERGAENGE, THERMODYNAMIK	24530	QUANTISIERUNG DES GRAVITATIONSFELDES	17050
SENUMWANDLUNGEN, FESTKOERPER	67550	QUARK-MODELL UND TEILCHEN, HADRONENPHYSIK	41760
SENUMWANDLUNGEN, FLUESSIGKEITEN	58555	QUARZ	84031
LOSOPHISCHE GRENZFRAGEN	10000	QUASARS, ASTROPHYSIK	94560
ONEN, FESTKOERPERPHYSIK	67000	QUASISTATIONAERE FELDER, ELEKTRODYNAMIK	26520
ONENSTREUUNG, LADUNGSTRAEGER, FESTKOERPER	70072	QUASISTELLARE QUELLEN, QUASARS	94560
OSPHATE	84078	QUASITEILCHEN, VIELTEILCHENSYSTEME	17560
OSPHIDE	84022	QUELLEN, HALBLEITER	83080
OSPHOR	83530	QUELLUNG, MAKROMOLEKUELE	53525
OSPHORESSENZ FESTER STOFFE	73640	QUERSCHNITTE, HADRONENREAKTIONEN	41700
OTO-VERVIELFACHER, ELEKTRONENROEHREN	27068	QUERSCHNITTE, KERNREAKTIONEN	43000
OTOELASTIZITAET, MESSMETHODEN	22510	QUERSCHNITTE, WECHSELWIRKUNG VON ATOMEN	52060
OTOEMISSION, FK-GRENZFLAECHE	74570	QUERSCHNITTE, WECHSELWIRKUNGEN VON MOLEKUELEN	52570
OTOERZEUGUNG VON HADRONEN	41574		
OTOGRAPHIE	28560		
OTOGRAPHISCHER PROZESS	28563		
OTOLEITUNG, FESTKOERPERPHYSIK	72500	RADIKALE IN ORGANISCHEN VERBINDUNGEN	84090
OTOLUMINESZENZ FESTER STOFFE	73640	RADIOAKTIVE ABFAELLE, KERNREAKTOREN	43560
OTOMETER, PHOTOMETRIE	28556	RADIOAKTIVE PRAEPARATE	40582
OTONEN, KERNREAKTIONEN	43020	RADIOAKTIVITAET DER NEUTRALEN ATMOSPHAERE	90890
OTONENSTREUUNG AN ATOMEN	52075	RADIOAKTIVITAET, KERNSPEKTROSKOPIE	42500
OTONENSTREUUNG AN MOLEKUELEN	52585	RADIOAKTIVITAET, PHYSIK DES ERDKOERPERS	90250
OTONUKLEONEN, KERNREAKTIONEN	43020	RADIOBURSTS DER SONNE	93326
OTOSPANNUNG, FESTKOERPERPHYSIK	72510	RADIOMETER	28556
OTOSPHAERE, SONNENOBERRFLAECHE	93322	RADIOQUELLEN, ASTROPHYSIK	94550
OTOZELLEN	27068	RADIOQUELLEN, QUASARS	94560
OTOZERFALL, KERNREAKTIONEN	43020	RADIOSTRALUNG, SONNENSPEKTRUM	93312
OSIK UNTER STOFFLICHEM GESICHTSPUNKT	83000	RADIOWELLEN IN DER IONOSPHAERE	91072
OSIKALISCHE OPTIK	29000	RADIOWELLEN, BRECHUNG	29053
OSIOLOGISCHE AKUSTIK	96300	RADIOWELLEN, INTERFERENZ	29033
OSIOLOGISCHE OPTIK	96600	RADIOWELLEN, STREUUNG	29043
OSBARYON WECHSELWIRKUNG	41725	RAKETEN, NEUTRALE ATMOSPHAERE	90815
OSKERN-WECHSELWIRKUNG	41735	RAKETEN, TECHNISCHE MECHANIK	22050
OSMESONENFAMILIE, SPEKTROSKOPIE	41764	RAMAN-SPEKTREN, FESTKOERPERPHYSIK	73340
OSK-UP, KERNREAKTIONEN	43012	RAMAN-SPEKTREN, FLUESSIGKEITEN	58573
OSOELEKTRIZITAET, FESTKOERPERPHYSIK	68050	RAMAN-SPEKTREN, MOLEKUELE	52540
OSOOPTIK, FESTKOERPERPHYSIK	73605	RANDEFFEKTE, HYDRO- UND AERODYNAMIK	23070
OSCH, FESTKOERPERPLASMA	70056	RANDSCHICHTEN IN HALBLEITERN	71570
OSCH, PLASMA BESCHLEUNIGUNG	57260	RAUMAKUSTIK	23550
OSNETEN	93610	RAUMGRUPPEN, KRISTALLOGRAPHIE	65560
OSNETENSYSTEM, ENTSTEHUNG, KOSMOGONIE	94586	RAUMLADUNG IN HALBLEITERN	71570
OSMA IN DER MAGNETOSPHAERE	91226	RAUMSONDEN IM INTERPLANETAREN RAUM	93655
OSMA BESCHLEUNIGUNG	57250	RAUSCHEN, HALBLEITER	71590
OSMADIAGNOSTIK	57200	RAUSCHEN, IONOSPHAERISCHE EMISSIONEN	91078
OSMAEFFEKTE, ELEKTROEN IM FESTKOERPER	70056	RAUSCHEN, LASER	28035
OSMAERZEUGUNG DURCH LASER	57256	REAKTIONEN, ZWEI- UND DREINUKLEONENSYSTEME	42010
OSMAERZEUGUNG UND -EINSCHLUSS	57250	REAKTOREN, EINFUEHRUNGEN	11540
OSMAFREQUENZ, PLASMAPHYSIK	57085	REAKTOREN, PHYSIKALISCHE GRUNDLAGEN	43500
OSMAKANONE, PLASMA BESCHLEUNIGUNG	57270	REALE KRISTALLE	66000
OSMAOSZILLATIONEN	57085	REFLEXION, OPTIK	29060
OSMAPHYSIK	57000	REFLEXIONSSPEKTREN, HALBLEITEROPTIK	73605
OSMAPHYSIK, DARSTELLUNG	12050	REGELTECHNIK	12250
OSMAPHYSIK, EINFUEHRUNGEN	11555	REGGE-FORMALISMUS, STREUTHEORIE	16582
OSMAPHYSIK, FACHTAGUNGEN	10555	REGISTRIERUNG	12240
OSMAPHYSIK, ZUSAMMENFASSUNGEN	11255	REGULARISIERUNG, QUANTENFELDTHEORIE	17040
OSMASTRALHEN, PLASMAPHYSIK	57235	REIBUNG, INNERE, KRISTALLPHYSIK	67070
OSMAZUSTAND	57015	REIBUNG, TECHNISCHE MECHANIK	22050
OSTIZITAET	22500	REKOMBINATION VON LADUNGSTRAEGERN, HALBLEITUNG	71566
OSTRIMETER, OPTIK	28526	REKOMBINATION, ATOMWECHSELWIRKUNGEN	52060
OSTRISATION, OPTIK	29080	REKOMBINATION, ELEMENTARPROZESSE IM PLASMA	57010
OSTRISATIONSANALYSE, KERNSTRAHLUNGSMESSUNG	40527	REKOMBINATION, MOLEKUELWECHSELWIRKUNGEN	52570
OSTRISATOREN	28526	REKRISTALLISATION	65516
OSTRILICHT	90470	RELATIVITAETSTHEORIE, GRAVITATION	18000
OSTRONEN, ELEKTROEN IM FESTKOERPER	70053	RELAXATION, RESONANZSPEKTROSKOPIE DES FK	73345
OSTYMERIE	53500	RENORMIERUNG, QUANTENFELDTHEORIE	17040
OSTYMERIE, EINFUEHRUNGEN	11550	RESONANZ-SPEKTROSKOPIE, FESTKOERPERPHYSIK	73345
OSTYMERIE, FACHTAGUNGEN	10550	RESONANZEN, MAGNETISCHE, EINFUEHRUNGEN	11550
OSTYMERIE, ZUSAMMENFASSUNGEN	11250	RESONANZEN, MAGNETISCHE, FACHTAGUNGEN	10550
OSTERANSCHUK-SINGULARITAET, REGGE-THEORIE	16582	RESONANZEN, MAGNETISCHE, ZUSAMMENFASSUNGEN	11250
OSTROESE MEDIEN, HYDRO- UND AERODYNAMIK	23070	RESONANZEN, NEUTRONEN-KERN-REAKTIONEN	43040
OSTROESATIVE SAEULE, GASENTLADUNG	57840	RESONANZFLUORESENZ, ATOMPHYSIK	52075
OSTROITRONEN-VERNICHTUNG IN MATERIE	44030	RESONANZREAKTIONEN, KERNREAKTIONEN	43008
OSTROITRONEN-VERNICHTUNG, ELEKTROEN IM FK	70022	RESONANZSPEKTREN VON FLUESSIGKEITEN	58557
OSTROENTIALE DER STREUTHEORIE	16572	RESONANZSPEKTREN, ATOME	52035
OSTROERSTRALUNG, KOSMISCHE STRALUNG	90630	RESONANZSPEKTREN, MOLEKUELE	52550
OSTROFILE, ATOMSPEKTREN	52045	RESONATOREN, HOCHFREQUENZ	27540
OSTROFILE, MOLEKUELSPEKTREN	52562	RESONATOREN, LASER	28040
OSTROFTE NEUTRONEN, KERNSPALTUNG	43092	RESONATOREN, PLASMA DIAGNOSTIK	57206
OSTROTONEN, KERNREAKTIONEN	43050	RESTGASE IN VAKUUMSYSTEMEN	13020
OSTROTUBERANZEN DER SONNE	93326	RESTWECHSELWIRKUNG, KERNSTRUKTUR	42070
OSTROSARS, ASTROPHYSIK	94555	RESTWIDERSTAND, METALLISCHE LEITFAEHIGKEIT	71010
OSTROSATIONEN, GEOMAGNETISCHE	90450	RHEOLOGIE, FLUESSIGKEITEN	58540
OSTROSLIERENDE RADIOQUELLEN	94555	RHEOLOGIE, PLASTIZITAET	22500
OSTROELEKTRIZITAET, FESTKOERPERPHYSIK	68060	RHEOLOGISCHE EIGENSCHAFTEN, MAKROMOLEKUELE	53542
OSTROMETRIE	24030	RIEMANNSCHE GEOMETRIE, MATHEMATISCHE PHYSIK	18010
		RIESENRESONANZEN, KERNREAKTIONEN	43020
		ROENTGEN-QUELLEN, ASTROPHYSIK	94540
		ROENTGEN-ROEHREN	27054
		ROENTGEN-SPEKTREN, ATOME	52022
		ROENTGEN-SPEKTREN, FESTKOERPER	73315
ANTENNAUSBEUTE, PHOTOLEITUNG	72510		
ANTENELEKTRODYNAMIK	17020		
ANTENELEKTRONIK	28000		

ROENTGEN-SPEKTROMETER
 ROENTGEN-STRAHLEN, BRECHUNG
 ROENTGEN-STRAHLEN, INTERFERENZ
 ROENTGEN-STRAHLEN, KRISTALLSTRUKTURBESTIMMUNG
 ROENTGEN-STRAHLEN, STREUUNG
 ROENTGEN-STRAHLUNG, SONNENSPEKTRUM
 ROTATION, KERNSTRUKTUR
 ROTATIONSSPEKTREN, MOLEKUELE
 ROTATOR, QUANTENMECHANIK
 ROTVERSCHIEBUNG, ALLG. RELATIVITAETSTHEORIE

S-MATRIX-THEORIE, STREUTHEORIE
 SAEKULARVARIATION, GEOMAGNETISMUS
 SAHA-GLEICHUNG, PLASMAPHYSIK
 SATELLITEN, GEOPHYSIK
 SATELLITENEXPERIMENTE, RELATIVITAETSTHEORIE
 SAUERSTOFF
 SAUGVERMOEGEN VON VAKUUMPUMPEN
 SCHAEUME, DISPERSE SYSTEME
 SCHALENMODELL, KERNSTRUKTUR
 SCHALL IM FESTKOERPER
 SCHALL IN FLUESSIGKEITEN
 SCHALL IN GASEN
 SCHALLAUSBREITUNG
 SCHALLEMPFANG
 SCHALLEMPFINDUNG, PHYSIOLOGISCHE AKUSTIK
 SCHALLERZEUGUNG
 SCHALLFELD
 SCHALTELEMENTE, ELEKTRISCHE
 SCHALTELEMENTE, HOCHFREQUENZ
 SCHALTER, VAKUUMSYSTEME
 SCHAUER, ELEMENTARTEILCHENREAKTIONEN
 SCHAUER, KOSMISCHE STRAHLUNG
 SCHICHTEN, DUENNE, FESTKOERPERPHYSIK
 SCHLIERENKAMERA
 SCHLIERENMETHODE, PLASMA DIAGNOSTIK
 SCHMELZEN UNTER VAKUUM
 SCHMELZEN, FESTKOERPERPHYSIK
 SCHMIERKAMERAS, PLASMA DIAGNOSTIK
 SCHNELLE REAKTOREN
 SCHNELLPHOTOGRAPHIE, PLASMA DIAGNOSTIK
 SCHROEDINGER-GLEICHUNG
 SCHWACHE WECHSELWIRKUNG, ELEMENTARTEILCHEN
 SCHWAECHUNGSKOEFFIZIENTEN, KERNSTRALUNG
 SCHWANKUNGSERSCHEINUNGEN, STATISTISCHE PHYSIK
 SCHWARZSCHILD-METRIK, RELATIVITAETSTHEORIE
 SCHWERE, PHYSIK DES ERDKOERPERS
 SCHWEREWELLEN IN DER IONOSPHERE
 SCHWERIONEN, KERNREAKTIONEN
 SCHWINGKREISE, HOCHFREQUENZ
 SCHWINGQUARZE
 SCHWINGUNGEN, AKUSTISCHE
 SCHWINGUNGEN, ELASTISCHE
 SCHWINGUNGEN, KERNSTRUKTUR
 SCHWINGUNGEN, MECHANISCHE
 SCHWINGUNGSSPEKTREN, MOLEKUELE
 SEEBECK-EFFEKT, THERMOELEKTRIZITAET
 SEHEN, PHYSIOLOGISCHE OPTIK
 SEISMOLOGIE, GEOPHYSIK
 SEKUNDAERELEKTRONENVERVIELFACHER
 SEKUNDAEREMISSION VON ELEKTRONEN
 SEKUNDAERSTRAHLUNG, KOSMISCHE STRAHLUNG
 SEKUNDAERTEILCHEN, ELEMENTARTEILCHENREAKTIONEN
 SELBSTDIFFUSION, GITTERSTOERUNGEN
 SELBSTKANALISIERUNG, LASERLICHT
 SELENIDE
 SELTENE ERDEN, KERNSPEKTROSKOPIE
 SELTENE ERDEN, METALLE
 SELTENE TEILCHEN, HYPERONEN
 SHUBNIKOV-DE HAAS-EFFEKT, HALBLEITUNG
 SIGNALTHEORIE, OPTIK
 SILIKATE
 SILIZIDE
 SILIZIUM
 SINGULARE POTENTIALE, STREUTHEORIE
 SINGULARITAETEN DER STREUAMPLITUDE
 SINGULARITAETEN VON FEYNMAN-DIAGRAMMEN
 SOLAR-TERRESTRISCHE BEZIEHUNGEN, KOSM. STRAHLUNG
 SOLARER WIND IN DER MAGNETOSPHERE
 SOLE, DISPERSE SYSTEME
 SONDETECHNIK, PLASMA DIAGNOSTIK
 SONNE, ASTROPHYSIK
 SORPTION AN GRENZFLAECHE, FESTKOERPERPHYSIK
 SPALLATION, KERNREAKTIONEN
 SPALTUNG, KERNREAKTOREN
 SPALTUNGSFRAGMENTE, KERNREAKTIONEN
 SPEKTRALAPPARATE, OPTISCHE
 SPEKTRALFUNKTIONEN, STREUTHEORIE
 SPEKTREN VON STERNEN, ASTROPHYSIK
 SPEKTROMETER, KERNSTRALUNGSMESSUNG
 SPEKTROMETER, ROENTGEN-
 SPEKTROSKOPIE DER HADRONEN
 SPEKTROSKOPIE, ATOME
 SPEKTROSKOPIE, EINFUEHRUNGEN

28535 SPEKTROSKOPIE, FACHTAGUNGEN
 29058 SPEKTROSKOPIE, FESTKOERPER
 29038 SPEKTROSKOPIE, FLUESSIGKEITEN
 65572 SPEKTROSKOPIE, HOCHFREQUENZ-
 29048 SPEKTROSKOPIE, KERNPHYSIK
 93316 SPEKTROSKOPIE, MOLEKUELE
 42075 SPEKTROSKOPIE, ZUSAMMENFASSUNGEN
 52530 SPEKTROSKOPISCHE METHODEN, PLASMA DIAGNOSTIK
 16533 SPEKTRUM DER SONNE
 18048 SPERRSCHICHTEN IN HALBLEITERN
 SPEZIELLE RELATIVITAETSTHEORIE
 SPEZIFISCHE WAERME, FESTKOERPER
 SPEZIFISCHE WAERME, FLUESSIGKEITEN
 SPEZIFISCHE WAERME, GASE
 SPIEGEL, OPTIK
 SPIEGELSYSTEME, MAGNETISCHE, PLASMAEINSCHLUSS
 SPIN-BAHN-KOPPLUNG, QUANTENTHEORIE
 83550 SPIN-GITTER-RELAXATION, MAGN. RESONANZEN
 13020 SPIN, KERNSPEKTROSKOPIE
 59540 SPINELLE
 42070 SPINORTHEORIE, NICHTLINEARE, ELEMENTARTEILCHEN
 67060 SPINWELLEN, FERROMAGNETISMUS
 58543 SPINWELLEN, STREUUNG DER LEITUNGSELEKTRONEN
 58030 SPIRALNEBEL, ASTROPHYSIK
 23540 SPRECHEN, PHYSIOLOGISCHE AKUSTIK
 23520 SPROEDIGKEIT, FESTKOERPER
 96310 STABILITAET, PLASMAPHYSIK
 23520 STAHL
 23530 STAPELFEHLER, KRISTALLGITTERSTOERUNGEN
 26050 STARK-EFFEKT, ATOME
 27540 STARK-EFFEKT, PLASMA DIAGNOSTIK
 13040 STARKE WECHSELWIRKUNG, ELEMENTARTEILCHEN
 41783 STARKSTROMPHYSIK
 90646 STATIONAERE FELDER, ELEKTRODYNAMIK
 74000 STATISCHE FELDER, ELEKTRODYNAMIK
 28586 STATISTISCHE MECHANIK, FORMALISMUS
 57206 STATISTISCHE MECHANIK, PLASMAPHYSIK
 13050 STATISTISCHE PHYSIK, FORMALISMUS
 67556 STATISTISCHE THEORIE DER ATOMHUELLE
 57202 STATISTISCHE THEORIE DER FLUESSIGKEITEN
 43500 STATISTISCHES MODELL, KERNREAKTIONEN
 57202 STATISTISCHES MODELL, VIELFACHERZEUGUNG
 16530 STAUB, DISPERSE SYSTEME
 41540 STELLATOR, PLASMA BESCHLEUNIGUNG
 44000 STERNE, ASTROPHYSIK
 17535 STICKSTOFF
 18042 STOERUNGEN DER IONOSPHERE
 90235 STOERUNGSENTWICKLUNGEN, QUANTENFELDTHEORIE
 90840 STOFFE, SUPRALEITENDE, FESTKOERPERPHYSIK
 43085 STOFFLICHE GESICHTSPUNKTE
 27540 STOSSENTLADUNG, GASENTLADUNG
 26050 STOSSFRONT IN DER MAGNETOSPHERE
 23530 STOSSIONISATION, HEISSE ELEKTRONEN, HALBLEITUNG
 22530 STOSSWELLEN, GASDYNAMIK
 42075 STOSSWELLEN, MAGNETOGASDYNAMIK
 22020 STOSSWELLENROHRE, PLASMAERZEUGUNG
 52530 STOSSZAHLANSATZ, KINETISCHE THEORIE
 72010 STRAHLEN, HYDRO- UND AERODYNAMIK
 96610 STRAHLENBIOLOGIE
 90240 STRAHLFUEHRUNG, BESCHLEUNIGER
 27068 STRAHLUNG IN DER NEUTRALEN ATMOSPHERE
 74576 STRAHLUNG IN MATERIE
 90640 STRAHLUNG IN PLASMEN
 41783 STRAHLUNGSBEEINFLUSSUNG DES FESTKOERPERS
 66020 STRAHLUNGSBEEINFLUSSUNG DES FK, EINFUEHRUNGEN
 29055 STRAHLUNGSBEEINFLUSSUNG DES FK, FACHTAGUNGEN
 84036 STRAHLUNGSBEEINFLUSSUNG DES FK, ZUSAMMENFSSG.
 42565 STRAHLUNGSBEEINFLUSSUNG, MAKROMOLEKUELE
 83023 STRAHLUNGSEINFANG, KERNREAKTIONEN
 41773 STRAHLUNGSEINFLUSS, FESTKOERPEROBERFLAECHE
 71520 STRAHLUNGSEMPFAENGER, OPTISCHE
 29010 STRAHLUNGSGUERTEL DER MAGNETOSPHERE
 84074 STRAHLUNGSMESSUNG, KERNPHYSIK
 84016 STRAHLUNGSTRANSPORT IN MATERIE
 83523 STRAHLUNGSTRANSPORT IN STERNATMOSPHEREN
 16572 STRAHLUNGSZERFALL, ELEKTROMAGN. WECHSELWIRKUNG
 16578 STRANGE PARTICLES, HYPERONEN
 16578 STREUAMPLITUDE, EIGENSCHAFTEN
 90660 STREULAENGE, QUANTENTHEORIE
 91280 STREUPHASENANALYSE, QUANTENTHEORIE
 59520 STREUPROZESSE, QUANTENTHEORIE
 57203 STREUTHEORIE, MATHEMATISCH
 93300 STREUUNG, LEITUNGSELEKTRONEN, KRISTALLFEHLER
 74530 STREUUNG, MIKROWELLEN
 43016 STREUUNG, OPTIK
 43090 STREUUNG, OPTISCHE, FESTKOERPER
 43092 STREUUNG, OPTISCHE, FLUESSIGKEITEN
 28530 STREUUNG, RADIOWELLEN
 16580 STREUUNG, ROENTGEN-STRAHLEN
 94020 STREUUNG, WECHSELWIRKUNGEN VON ATOMEN
 40530 STREUUNG, WECHSELWIRKUNGEN VON MOLEKUELEN
 28535 STREUUNG, ZWEI- UND DREINUKLEONENSYSTEME
 41762 STRIPPING, KERNREAKTIONEN
 52020 STROEME, GEOMAGNETISCHE
 11550 STROEMUNGEN, HYDRO- UND AERODYNAMIK

EMUNGEN, MAGNETISCH HYDRODYNAMIK	57045	UEBERDICHTUNG, KONFIGURATIONEN DER STERNE	94060
ROM-SPANNUNGS-CHARAKTERISTIK, HALBLEITER	71570	UEBERGANG, STOFFE IN SUPRALEITENDEM ZUSTAND	70530
ROMALGEBREN, QUANTENFELDTHEORIE	17010	UEBERGANGSMETALLE	83030
RUKTUR, ATOME	52010	UEBERGANGSTEMPERATUR, SUPRALEITUNG	70530
RUKTUR, DUENNE SCHICHTEN, FESTKOERPERPHYSIK	74020	UEBERGANGSWAHRSCHEINLICHKEIT, QUANTENMECHANIK	16533
RUKTUR, FLUESSIGKEITEN	58520	UEBERGANGSWAHRSCHEINLICHKEITEN, ATOME	52040
RUKTUR, KRISTALLE	65580	UEBERGANGSWAHRSCHEINLICHKEITEN, MOLEKUELE	52560
RUKTUR, MAKROMOLEKULARE STOFFE	53535	UEBERMASSIVE OBJEKTE, ASTROPHYSIK	94570
RUKTUR, MOLEKUELE	52510	UEBERSCHALLSTROEMUNG, GASDYNAMIK	23060
RUKTURAENDERUNG, FESTKOERPER, BESTRAHLUNG	66065	UEBERSTRUKTUREN, KRISTALLE	65588
RUKTURAENDERUNG, FESTKOERPER, HOHER DRUCK	66545	UEBERTRAGUNGSTHEORIE, OPTISCHE	29015
RUKTURBESTIMMUNG, KRISTALLE, METHODEN	65570	ULTRASCHALL IM FESTKOERPER	67060
UERME, GEOMAGNETISCHE	90440	ULTRASCHALL, ANWENDUNG	23570
URMTHEORIEN, DYNAMIK DER MAGNETOSPHAERE	91255	ULTRASCHALL-TOILETTSPEKTROSKOPIE, FESTKOERPERPHYSIK	73320
UBLIMIEREN, PHYSIK DER GASE	58045	UMLADUNG, MOLEKUELWECHSELWIRKUNGEN	52570
LFATE	84078	UMWANDLUNG, FESTKOERPERMAGNETISMUS	69060
LFIDE	84034	UMWANDLUNG, INNERE, KERNSPEKTROSKOPIE	42510
PERKONVERGENZRELATIONEN, STREUTHEORIE	16580	UMWANDLUNG, THERMISCHE, FESTKOERPERPHYSIK	67550
PERNOVAE, ASTROPHYSIK	94050	UNBESTIMMTHEITSRELATIONEN, QUANTENMECHANIK	16523
IPRAFLUIDITAET	58525	UNIFIED MODEL, KERNSTRUKTUR	42075
IPRAFLUIDITAETSMODELL, KERNSTRUKTUR	42020	UNITARITAET, S-MATRIX-THEORIE	16575
IPRALEITENDE DUENNE SCHICHTEN	74040	UNTERKUEHLTE FLUESSIGKEITEN	58530
IPRALEITER, KONTAKT ZUM NORMALLEITER	70520	UNTERRICHTSFRAGEN	12000
IPRALEITUNG, FESTKOERPERPHYSIK	70500	UNTERSUCHUNGEN BEI VAKUUM	13060
IPRALEITUNG, MAGNETE	26030	URKNALL, KOSMOLOGIE	94586
ISPENSIONEN, DISPERSE SYSTEME	59530		
IMMETRIEN, QUANTENFELDTHEORIE	17015		
INTHESE DER ELEMENTE, KOSMOLOGIE	94586	VAKUUMPHYSIK UND -TECHNIK	13000
INTILLATIONEN, LUMINESZENZ FESTER STOFFE	73650	VAKUUMPHYSIK, EINFUEHRUNGEN	11525
INTILLATIONSPEKTROMETER	40538	VAKUUMPHYSIK, FACHTAGUNGEN	10525
INTILLATIONSZAEHLER, STRAHLUNGSMESSUNG	40518	VAKUUMPHYSIK, ZUSAMMENFASSUNGEN	11225
		VAKUUMROEHREN	27054
	10500	VAKUUMTHERMOELEMENTE, GRENZFLAECHEPHYSIK	74583
UNTALATE	84072	VANADATE	84072
URGETS, BESCHLEUNIGER	41020	VARIATIONEN DER KOSMISCHEN STRAHLUNG	90600
ILCHEN IN FELDERN	26540	VARIATIONEN, GEOMAGNETISCHE	90440
ILCHEN-LOCH-MODELL, KERNSTRUKTUR	42070	VARIATIONSPRINZIPIEN, STREUTHEORIE	16563
ILCHENOPTIK	27010	VARIATIONSRECHNUNGEN, ATOMHUELLE	52010
LESKOPE	28520	VARIATIONSRECHNUNGEN, MOLEKUELSTRUKTUR	52510
LLURIDE	84037	VEKTORFELDER, QUANTENFELDTHEORIE	17025
MPERATUR, LUFTHUELLE	90830	VENEZIANO-FORMALISMUS, STREUTHEORIE	16582
MPERATUREINFLUSS, ELEKTRISCHE LEITFAEHIGKEIT	71530	VERAENDERLICHE, HUELLENSTERNE	94040
MPERATURFELD	24050	VERBINDUNGEN ZWISCHEN METALLGRUPPIERUNGEN	83085
MPERATURSKALA	24010	VERBINDUNGEN, GITTERKONSTANTEN	65584
MPERATURVERTEILUNG, ERDKOERPER	90210	VERBINDUNGEN, INTERMETALLISCHE	83000
MPERATURVERTEILUNG, PLASMAPHYSIK	57020	VERBINDUNGEN, ORGANISCHE	84090
NSORANALYSIS, MATHEMATISCHE PHYSIK	18010	VERBINDUNGSGRUPPIERUNGEN, GEMISCHE	84085
NSORPOTENTIALE, QUANTENTHEORIE	16556	VERDAMPFEN, FESTKOERPERPHYSIK	67556
RME, ATOME	52020	VERDAMPFEN, PHYSIK DER FLUESSIGKEITEN	58555
RME, MOLEKUELE	52520	VERFAHREN UNTER VAKUUM	13050
RALLIUM	83017	VERFLUESSIGUNG VON GASEN	1253
ERMIONISCHE EMISSION AUS GRENZFLAECHE	74583	VEROEFFENTLICHUNGEN IN BUCHFORM	11040
ERMISCHE AUSDEHNUNG, FESTKOERPER	67530	VERSCHELMUNGEN, VAKUUMTECHNIK	13030
ERMISCHE AUSDEHNUNG, FLUESSIGKEITEN	58550	VERSETZUNGEN, KRISTALLGITTERSTOERUNGEN	66035
ERMISCHE EIGENSCHAFTEN DUENNER SCHICHTEN	74030	VERSTAERKER, HOCHFREQUENZMESSTECHNIK	27540
ERMISCHE EIGENSCHAFTEN, FESTKOERPER	67500	VERTEILUNGEN, STATISTISCHE MECHANIK	17523
ERMISCHE EIGENSCHAFTEN, FK, BESTRAHLUNG	66070	VERUNREINIGUNGEN, KRISTALLGITTERSTOERUNGEN	66025
ERMISCHE EIGENSCHAFTEN, FK, HOHER DRUCK	66550	VERUNREINIGUNGEN, STREUUNG DER LADUNGSTRAEGER	70074
ERMISCHE EIGENSCHAFTEN, FLUESSIGKEITEN	58550	VERUNREINIGUNGSLEITUNG, HALBLEITER	71563
ERMISCHE EIGENSCHAFTEN, GASE	58040	VERVIELFACHER	27068
ERMISCHE NEUTRONEN, DIFFUSION	44010	VERZOEGERTE ELEKTRONENEMISSION	74580
ERMISCHE UMWANDLUNG, FESTKOERPERPHYSIK	67550	VERZOEGERTE NEUTRONEN, KERNSPALTUNG	43092
ERMISCHES PLASMA IN DER MAGNETOSPHAERE	91226	VIELFACHERZEUGUNG, ELEMENTARTEILCHEN	41780
ERMODIFFUSION, PHYSIK DER GASE	58025	VIELKANALSTREUUNG, FORMALISMUS	16585
ERMODYNAMIK	24500	VIELKOERPERPROBLEM, KERNSTRUKTUR	42020
ERMODYNAMISCHE FUNKTIONEN	24510	VIELTEILCHENSYSTEME, STATISTISCHE PHYSIK	17560
ERMODYNAMISCHE FUNKTIONEN, PLASMAPHYSIK	57017	VIERPUNKT-FUNKTION, QUANTENFELDTHEORIE	17040
ERMOELEKTRIZITAET, FESTKOERPERPHYSIK	72000	VIERTILCHENSTREUUNG, FORMALISMUS	16588
ERMOELEMENTE	24026	VISKOSIMETRIE	23015
ERMOKRAFT, THERMOELEKTRIZITAET	72010	VISKOSITAET, FLUESSIGKEITEN	58540
ERMOLUMINESZENZ FESTER STOFFE	73655	VISKOSITAET, GASE	58020
ERMOMAGNETISCHE ERSCHEINUNGEN, HALBLEITUNG	71550	VLASOV-GLEICHUNG, PLASMAPHYSIK	57026
ERMOMETER	24023	VORTAGSREIHEN	10500
ERMOMETRIE, ALLGEMEIN	24020		
ERMOSTATEN	12520		
EFTTEMPERATURMAGNETISMUS, FESTKOERPERPHYSIK	69060	WAERME	24000
ENTANATE	84072	WAERME, DARSTELLUNG	12030
ERUS, PLASMA BESCHLEUNIGUNG	57263	WAERME, EINFUEHRUNGEN	11530
ENSEND-ENTLADUNG, GASENTLADUNGEN	57815	WAERME, FACHTAGUNGEN	10530
ANSFORMATIONEN, QUANTENMECHANIK	16526	WAERME, SPEZIFISCHE, FESTKOERPER	67510
ANSISTOR, HALBLEITUNG	71570	WAERME, SPEZIFISCHE, FLUESSIGKEITEN	58550
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Verzeichnis der benützten Abkürzungen

AE	Astronomische Einheit	LGAO	linear combination atomic orbitals
bcc	body-centred cubic	MHD	Magneto-Hydrodynamik
CERN	Conseil Européen pour la Recherche Nucléaire	MIT	Massachusetts Institute of Technology
DEG	Deutsche Forschungsgemeinschaft	MPG	Max-Planck-Gesellschaft
DK	Dielektrizitätskonstante	MPI	Max-Planck-Institut
DWBA	distorted wave-Born approximation	MUEF	Modulations-Uebertragungsfunktion
EHD	Elektro-Hydrodynamik	NBS	National Bureau of Standards
EMK	Elektromotorische Kraft	NF	Niederfrequenz
ENDOR	Electron Nucleus Double Resonance	NMR	Nuclear Magnetic Resonance
ENR	Electron Nuclear Resonance	NPL	National Physical Laboratory
EPR	Electron Paramagnetic Resonance	NQR	Nuclear Quadrupole Resonance
ESR	Elektronen-Spin-Resonanz	PCAL	partial conserved axial vector current
EUV	Extremes Ultraviolett	PMR	Paramagnetische Resonanz
fcc	face-centred cubic	QED	Quantenelektrodynamik
FK	Festkörper	RF	Radiofrequenz
FMR	Ferromagnetische Resonanz	RPA	random phase approximation
HF	Hochfrequenz	SEV	Sekundärelektronen-Vervielfache
HFS	Hyperfeinstruktur	UEF	Uebertragungsfunktion
HL	Halbleiter	UHF	Ultrahochfrequenz
IGSU	International Council of Scientific Unions	UV	Ultraviolett
IGY	International Geophysical Year	VUV	Vakuum-Ultraviolett
IQSY	International Quiet Sun Year	Ww	Wechselwirkung
IR	Infrarot	XE	X-Einheit
kfz	kubisch-flächenzentriert	(L)	Hinweis auf Kurzmitteilungen (L)
krz	kubisch-raumzentriert	(S. B.)	Hinweis auf Sitzungsbericht
KUEF	Kontrast-Uebertragungsfunktion		

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Siehe auch Kernstruktur, Zweikörperproblem (42010)

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Spin, Parität, Momente, Orientierung, Ausrichtung (42525):			
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11 - 1191
11 - 1223
11 - 1240
12 - 1187
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Odd-parity states in He 4 (L)
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Excited states of He 4
Charge form factor of alpha particle
Energieniveaus der A=4-Kerne
Zustände von He 4 und Li 4
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Nuclear radius of He 4 (L)
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3 - 879
3 - 881
6 - 827
11 - 940
2 - 939
1 - 1046
2 - 942
3 - 914
4 - 1087
7 - 998
8 - 1102
9 - 900
11 - 941
11 - 975
11 - 1026
11 - 1027
12 - 1197
1 - 1045
2 - 941
3 - 915
4 - 1086
5 - 1038
7 - 1052
7 - 1054
9 - 931
9 - 932
9 - 1012
11 - 1025
12 - 1160
6 - 914
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Reaction matrix in light nuclei (L)
Particle-hole states in 2s-1d shell (O 16 up to Ne 20) (L)
Formfaktoren von Li 6 nach projizierter HF-Methode
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Neutrino excitation of giant resonance in C 12
Atomic masses from accurate measurements of Q values
Kernspektroskopie mit Kontinuumszuständen, O 16
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Giant resonances through radiative pion capture
Isobare Analogzustände in N 15 und O 15 (L)
Hartree-Fock calculations for light nuclei
Cluster structure of excited levels in He 6 and Li 6
Alpha-deuteron model and form factor of Li 6
Ladungsformfaktor von Li 6
Deformierte Li 6-Wellenfunktionen
Formfaktor für 3,56 MeV-Li 6-Zustand aus Li 6 (e, e')
Form factors of Li 6 (L)
2, 19 MeV-Niveau (J = 3⁺, T = 0) des Li 6
Li 6 und 7 Niveaus aus (p, p')
Wave function of ground state of Li 6 (L)
Momentum distribution of nucleon pairs in Li 6 and Li 7 ground states (L)
Method of deformed orbits applied to light nuclei, He 6
Three-body decay of 1, 71 MeV state of He 6 (L)
New isotope of helium: He 7
Elektromagnet, Eigenschaften von Li 7
Energy spectrum and polarization of photoneutrons from Li 7
Coulomb-Formfaktoren für Li 7
F-wave levels of Be 7 and Li 7
Structure of Li 7 and C 12 and scattering of 185 MeV protons
Unbound nuclide B 7 by B 10 (He 3, He 6) B 7
Isobaric-spin mixing in Be 8 states
Study of the first excited state of Be 8 (L)

1 - 980
1 - 999
1 - 1004
1 - 1006
2 - 704
2 - 917
2 - 919
4 - 870
5 - 899
7 - 1064
11 - 957
1 - 1050
2 - 933
2 - 948
5 - 1042
6 - 922
7 - 1057
7 - 1065
8 - 1107
8 - 1113
9 - 939
10 - 1077
11 - 1034
3 - 919
3 - 922
7 - 940
10 - 1071
11 - 1045
11 - 1266
12 - 1202
1 - 1049
1 - 1052

Niveaus von Be 8, Be 9, C 12, C 13 berechnet mit Projektionsmethode
a-a potential and ground state of Be 8 (L)
Excited 4⁺ states of Be 8 (L)
Energy of nucleon pairs in light nuclei
B 10 (d, a) Be 8 und zweiter Zustand von Be 8
Be 8-Niveaus bei B 10 (d, aa) a
Be 8-Grundzustand aus aa-Streuung
Angular correlations for Be 9 (He 3, a) Be 8 (16, 92) → a + a 9
Zerfall von O 15 und B 8
Model of Be 9 and Be 9 (γ, n) Be 8 (L)
Niveaustuktur von Be 9 und B 9
Velocity-dependent NN potential and magnetic moments of H 3 and Be 9
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Niveaus und Daten der A = 11 - 12-Kerne
Nuclear magnetic resonance of 20 ms B 12 (L)
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C 12 (e, e') für 100-200 MeV
Deformed states in C 12
Teilchen-Loch-Modell von O 16 und C 12
Lowest 4⁺ level in C 12
Excitation of levels in C 12 and O 16 by 156-MeV protons
Spin of B 12 at 0, 95-, 1, 67-, and 2, 62-MeV levels
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Widths of 6, 32 MeV level in N 15 (L)

1 - 1058
2 - 934
2 - 945
2 - 951
2 - 1065
6 - 923
8 - 1108
9 - 107
5 - 1044
7 - 1062
9 - 900
9 - 938
10 - 1073
11 - 1040
12 - 1205
2 - 946
6 - 915
6 - 918
9 - 936
11 - 1028
11 - 1038
1 - 1047
1 - 1228
2 - 1014
3 - 921
8 - 1106
8 - 1112
12 - 1207
1 - 1053
1 - 1195
2 - 944
2 - 1050
3 - 920
3 - 1052
4 - 1088
4 - 1216
5 - 1040
6 - 917
6 - 1083
7 - 1058
7 - 1063
8 - 1104
9 - 933
9 - 934
9 - 1042
10 - 1066
10 - 1067
10 - 1072
11 - 1041
12 - 1208
12 - 1208
12 - 1324
1 - 1224
7 - 1135
10 - 1069
11 - 1046
12 - 1200
2 - 950
3 - 916
8 - 1105
10 - 10
12 - 1206
15 - 917
5 - 1041
8 - 1110
10 - 1065
10 - 1075
11 - 1035

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Protonenpolarisation bei Ca 40 (d, p)	12 - 1369
Ca 42 (d, n) bei 5,15 MeV und Sc 43-Niveaus	10 - 1283
Levels of Ca 45 by deuteron stripping	6 - 926
DWBA und Spinbahneffekte bei (d, p)-Reaktionen an Ti 46, 48 und Cr 50, 52	1 - 1244
Neutron pickup from Ca 46	3 - 1069
Shell structure in Ti region with 52 MeV deuterons	3 - 923
Ti 48 (d, p) Ti 49 bei 6 MeV	3 - 1068
Ca 48 (d, n) Sc 49 bei 5,5 und 6 MeV	11 - 1306
V 48-Niveaus aus (d, α) und (He 3, p)	8 - 1129
Ti (d, d')	9 - 1055
Cr 52 (d, p) Cr 53 in Coulomb stripping energy region	3 - 1066
Kurzlebige Produkte bei der Bestrahlung von Chrom mit 12,5-MeV-Deuteronen	5 - 1162
Mn 52-Niveaus aus (d, α) und (He 3, p)	8 - 1130
Cr 54 (d, p) Cr 55 at 12 und 6,8 MeV	8 - 1229
Niveaus von Cr 53 und Cr 52 aus (d, d') und (d, t)-Reaktionen 6-9 MeV	8 - 1124
Si 30 (d, t) Si 29 und Si 30 (He 3, He 4) Si 29	8 - 1124

-: A von 56 bis 150 (43066):

Neutroneneinteilchenzustände in Nd 143 und Sm 145 durch (d, p)-Reaktionen	3 - 958
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Charge exchange in (d, p) leading to Zr 93, 95, Mo 93, 95 and Ce 141 (L)	7 - 1218
Hyperfeinstruktur bei Fe 56 (d, p) mit Mößbauer-Effekt	1 - 1246
Fe 56 (d, p), Winkelverteilung	1 - 1249
(d, α) reactions of Fe 56, Ni 58, 60, Cu 63, 65	2 - 1072
Polarisation bei C 12, Fe 56, Ni 58 (d, d)	10 - 1286
Zerfall von Ni 57 aus Ni 58 (d, dn)	1 - 1086
(d+Ni)-Querschnitte von 2-12 MeV, Ni 58, 60, 61, 62	1 - 1247
Levels of Fe 59 from Fe 58 (d, p) Fe 59	4 - 1102
Co 56-Zustände aus (d, α) und (He 3, p)	8 - 1137
(d, n) Reaktionen von Ni 58 und Ni 60	10 - 1262
Elastische Deuteronenstreuung bei 34, 4 MeV an C 12, O 16, Ca 40, Ti 48, 49, 50, V 51, Cr 52, Fe 54, Ni 60, Cu 63, 65, Zr 90, 91, 92, 94, Nb 93	1 - 1245
Ni 61 (p, p') Ni 61, Ni 61 (d, d') Ni 61 and Ni 60 (d, p) Ni 61	7 - 1199
Ni 60 (d, d) Ni 60 mit polarisierten Deuteronen	7 - 1219
Streuung polarisierter Deuteronen an Al 27, Si und Ni 60	9 - 1059
Streuung polarisierter Deuteronen an Ni 60, Zr 90, Pb 208	10 - 1291
Deuteron induced reactions in Cu 63 and Cu 65	3 - 1076
Cu 63, 65 (d, He 3) bei 34, 2 MeV	11 - 1312
(d, p) reactions on Zn 64, 66, 68, 70	8 - 1230
Cu 65 (d, α) Ni 63 und Zn 68 (d, α) Cu 66	7 - 1217
Ge 71, 73 and Pd 111 levels by (d, p) reaction	5 - 1166
(d, p) reaction on Ge 70	9 - 1064
Stripping und Niveaus von Se 74 und Se 80	11 - 1080
Charge exchange in Se 80 (d, p) Se 81 (L)	3 - 1073
Sr 88 (d, p) Sr 89	9 - 1063
(d, He 3) studies on Zr 90, Y 89, and Sr 88	4 - 1265
Zr 90 (d, p) Zr 91-Reaktion und DWBA	1 - 1248
Y 90-Niveaus aus (d, p)	9 - 960
Zr 91 (d, p) Zr 92 bei $E_p = 6,25$ MeV	2 - 1070
Charge exchange in Zr 91 (d, p) Zr 92 (L)	3 - 1074
Mo 92 (d, np) Mo 92 (L)	4 - 1266
Mo 93-Niveaus aus Mo 92 (d, p) bei 10, 1 MeV	10 - 1119
Pd 104 (dp) Pd 105	11 - 1313
(d, p) reactions on Pd 106 and Pd 108	6 - 1088
(d, p) and (d, t) reactions in In 112, 114, 116	2 - 1071
Vibrational spectrum of Cd 114	1 - 1095
(d, p) reactions on Cd 114 and In 115	9 - 1065
Subcoulomb stripping: Sn 116 (d, n), Sb 117 at 6 MeV (L)	2 - 1069
Deuteron-induced reactions in Sb isotopes	3 - 1075
Structure in Te 127 from Te 126 (d, p) reaction	1 - 1110
Te 128 (d, p) Te 129-Reaktion bei 7, 5 MeV	5 - 1165
Te 131-Niveaus aus Te 130 (d, p)	4 - 1122
Analyse von (d, p) an Ba, Ce und Nd nach optischem Modell	4 - 1267
Sm 147, 149-Zustände durch (d, d'), (d, t) und (d, p)	4 - 1121
(d, d') an Sm 148, 150, 152, 154	8 - 1156

- : A größer als 150 (43068):

(d, p)-Anregung von γ -Vibrationszuständen	5 - 1021
(d, p) reactions on Gd, Dy, Er, Yb, Hf, W	11 - 1316
Anregungsfunktion in d + Tb bei 26, 9 MeV	8 - 1231
Kollektiv-Vibrationszustände in geraden Dy-Isotopen aus (d, d')	9 - 978
Er 168 from Er 167 (d, p)	3 - 971
Levels of Er 167, Er 169, and Er 171 from (d, p) reactions	11 - 1126
Kollektivzustände von Tm 170 aus (d, d')	8 - 1164
Kollektivschwingungszustände in geraden Er-Isotopen aus (d, d')	6 - 987
(d, p)-Reaktion an Yb 172 und Yb 174	10 - 1294
Absolute spectroscopic factors for (d, p) reactions on heavy deformed nuclei, W 182	1 - 1250
(α , α')- und (d, d')-Streuung an Re 185 und 187	4 - 1277
Pb 206 (d, p) Pb 207 8 und 19 MeV (L)	6 - 999
Structure of Pb 206 by (d, t)	9 - 988
Pb 207 (d, p) Pb 208 bei 9, 2 - 13 MeV	2 - 1073
Structure of Pb 208 by (d, p) reaction	4 - 1149
Pb 207 (d, py) Pb 208 at 10 MeV (L)	7 - 1220
Pb 207 (d, p) Pb 208 bei 12 MeV	11 - 1314
Pb 208 (d, p) and (d, t) with 15- to 25-MeV deuterons	3 - 1077
1-Abhängigkeit von Stripping-Anregungsfunktionen bei Pb 208 (d, p)	10 - 1186
Streuung polarisierter Deuteronen an Ni 60, Zr 90, Pb 208	10 - 1291
Spektroskopische Faktoren aus Pb 208 (d, p) bei 8 MeV	10 - 1293
Structure of Pb 208 from (d, p) excitation (L)	11 - 1144
(p, d) and (d, p) reactions on Pb isotopes (L)	11 - 1281
U 235 (d, pf) and Pu 239 (d, pf)	11 - 1315
Isomere Np 236g und Np 236m durch d-Ww mit U 238	1 - 1158
Pu 242 (d, 2n) Am 242m und Pu 242 (p, n) Am 242m	3 - 1064

Tritonen (43070):

Absolute Stoßquerschnitte für Ca 46, 48 (t, p) Ca 48, 50	3 - 893
Theory of (H 3, d) reaction	4 - 1269
Polarized neutrons from s-wave T(d, n) He 4 and D(t, n) He 4	9 - 1053
H 3 + H 3-, He 3 + He 3- und H 3 + He 3-Systeme	8 - 1232
P-, d-, He 3- und α -Streuung an H 3	9 - 1068
Polarization of tritons scattered from He 4	12 - 1375
Dreiteilchenzerfälle in Li 7 (d, n) 2 α und Li 6 (t, n) 2 α	3 - 1072
Koexistenzmodell für (t, p) an O 16, 18	2 - 1074
O 16 (t, p) O 18	9 - 1066
Elastic scattering of tritons by O 16	9 - 1069
O 16 (t, p) O 18 (L)	11 - 1317
Halbwertszeit von Si 32 aus Si 30 + t-Reaktionen	4 - 1092
(t, p)-Reaktionen an geraden Ca-Isotopen	4 - 1268
Levels of Ca 42 and Ca 46 as observed in Ca 40 (t, p) and Ca 44 (t, p) reactions	7 - 1070
(t, p)- und (t, α)-Reaktionen an Pb und Ca, Kernstruktur	10 - 1295
Ca 50-Spektrum und Ca 48 (t, p)	8 - 1122
V 49-Niveaus aus (t, α) und (He 3, d)	8 - 1126
Fe 56 (t, p) Fe 58	1 - 1251
Cu 63 und Cu 65 Niveaus durch (t, α)	1 - 1083
(t, d)-Reaktion an Sr 88, Zr 90 und Mo 92	10 - 1296
Sn 116, 118 (t, p) Sn 118, 120	9 - 1067
Protonen-Quasiteilchenspektrum von Pm 145 aus Sm 144 (t, α)	11 - 1111
(t, p)- und (t, α)-Reaktionen an Pb und Ca, Kernstruktur	10 - 1295
Pb 207, 208 (t, p) und Einteilchenzustände in Pb 209	12 - 1376
Zweinukleon-Transfer an Pb in (t, p) Reaktionen	12 - 1377
Bi 209 (t, α) Pb 208-Reaktion	6 - 1090

He 3 (43075):

(He 3, pp) stripping	3 - 1079
Anregungsfunktionen für (He 3, γ)- und (He 4, γ)-Reaktionen	3 - 1080
Test der DWBA bei (He 3, α)-Reaktionen	4 - 1273
Quasi-elastic (He 3, t) reactions (L)	6 - 1092
Scattering of He 3 by He 4 and He 4 by tritium	7 - 1221
Total reaction cross sections for 29 MeV He 3 particles (L)	7 - 1224
Spectroscopic factor in (He 3, d) reactions	9 - 1070
Oxygen in Ge, He 3 activation	12 - 2245
H 2 (He 3, γ) Li 5 und He 3 (d, γ) Li 5	8 - 1235
He 3 (He 3, α) 2p, 2p-Ww (L)	1 - 1252
Angetregte He 3-Zustände bei He 3 + He 3 Ww	1 - 1258
He 3-He 3 scattering	3 - 1078
Radiative capture of He 3 by He 3	4 - 1270
Mass of Be 5 in He 3 (He 3, n) 18-26 MeV	6 - 914
H 3 + H 3-, He 3 + He 3- und H 3 + He 3-Systeme	8 - 1232
P-, d-, He 3- und α -Streuung an H 3	9 - 1068
Final-state interactions in He 3 (He 3, 2p) He 4 and T(He 3, np) He 4	9 - 1074
He 3 (He 3, t) 3p bei 44 MeV	10 - 1298
Elastic He 3-He 3 scattering (L)	11 - 1321
Interaction between He 3 and He 4	8 - 1236
Polarization in He 3-He 4 scattering 26 MeV	11 - 1324
Li 6 (He 3, n) B 8	4 - 1271
Scattering of He 3 from Li 6, Li 7, B 10, F 19, and Al 27 at 10 MeV (L)	6 - 1094
(He 3, He 3), (He 3, d) und (d, d) an Li 6 (d, d) an Li 7	8 - 1223
Li 6 (He 3, paa) bei 2 MeV	12 - 1389
Li 7 (He 3, γ) B 10 bei 3-6 MeV	7 - 1227
Be 9- und Li 6-Niveaus aus Li 7 + He 3	9 - 938
Neutronenbreiten in Be 9 aus Li 7 (He 3, p) Be 9 (n) Be 8	10 - 1073
He 3-Wechselwirkungen mit Be 9, B 10, N 14, Na 23	2 - 1076
Angular correlations for Be 9 (He 3, α) Be 8 (16, 92) $\rightarrow a + a$ 9 - 1077	9 - 1077
(He 3, α) on Be 9, C 12, C 13	10 - 1304
Be 9 (He 3, n) C 11 für $E = 3, 5 - 10$ MeV	12 - 1386
Unbound nucleide B7 by B10 (He3, He6) B7	12 - 1202
Levels of B10 by B11 (He3, α) B10	6 - 918
Winkelverteilungen bei (He 3, α) und (He 3, d) an C 12	2 - 1077
C 11- und N 14-Zustände aus C 12 (He 3, α), (He 3, py)	3 - 921
Neutron polarization in C 12 (He 3, n) O 14	7 - 1222
Study of unbound levels in N 14 by the C 12 (He 3, py) N 14 reaction	8 - 1105
C 11- und B 11-Niveaus aus (He 3, α) bzw. (He 3, py)	8 - 1112
Optisches Modell für C 12 (He 3, He 3) bei 3, 7-15, 0 MeV 10 - 1187	10 - 1187
Inelastic scattering of He 3 from C 12 (L)	11 - 1320
Polarization of He 3 elastically scattered by C 12 (L)	12 - 1382
Levels and transitions in N 15 from C 13 (He 3, py) N 15	3 - 917

O 15-Zustände aus N 14 (He 3, d) und O 16 (He 3, α)	11 - 1037
N 14 (He 3, α) N 13	12 - 1378
O 16 (He 3, p) F 18 at 18 MeV distorted wave analysis	1 - 1253
O 15-Zustände positiver Pa ität bei O 16 (He 3, α)	8 - 1110
F 19 + d- und F 19 + He 3-Reaktionen	4 - 1264
Scattering of He 3 from Li 6, Li 7, B 10, F 19, and Al 27 at 10 MeV (L)	6 - 1094
F 19 (He 3, Li 6) O 16	12 - 1387
Ne 20 (He 3, p) Na 22 bei 3 MeV	5 - 1168
Na 23-Niveaus aus Ne 22 (He 3, d)	5 - 1049
Mehrdeutigkeit des optischen Modells bei Ne 22 (He 3, He 3)	12 - 1385
Streuung von 29 MeV-He 3 an Mg 24	3 - 1081
Mg 24 (He 3, α) Mg 23 und Mg 23-Zustände	6 - 1093
γ -Ze fall von Al 26 bei Mg 24 (He 3, p)	12 - 1221
Mg 25 (He 3, d) Al 26	7 - 1228
(He 3, α) on Mg 25 and Mg 23 at 5, 50 MeV (L)	7 - 1229
Mg 26 (d, t) Mg 25 und Mg 23 (He 3, He 4) Mg 25	4 - 1260
Si 28 (n, α), Al 27 (d, α), Al 27 (d, p), Mg 26 (He 3, α) (L)	5 - 1140
Fluctuations of Mg 26 (He 3, α) Mg 25	10 - 1301
Levels of Si 26, S 30, A 34 and Ti 42 in (He 3, n) reactions (L)	11 - 1058
Si 28-Zustände aus Al 27 (He 3, d)	7 - 1082
Al 27 (He 3, α) Al 26 bei 10 MeV	7 - 1225
Si 28 (He 3, O 16) O 16	5 - 1170
Erster und zweiter Anregungszustand des Si 27 aus Si 28 (He 3, α)	10 - 1100
Si 30 (d, t) Si 29 und Si 30 (He 3, He 4) Si 291	8 - 1224
S 32 (He 3, α) S 31	12 - 1388
Cl 37 (He 3, α) Cl 36 bei 15 MeV	10 - 1300
Ca 41-Zustände gerader Parität bei K 39 (He 3, p)	3 - 936
Proton particle-hole states in Ca 40 by K 39 (He 3, d) Ca 40 8 - 1119	10 - 1259
Anregung von Niveaus in der Reaktion K 39 (He 3, d)	11 - 1053
Low-lying levels of Ca 39 in Ca 40 (He 3, α) Ca 39	12 - 1235
Ti 42-Niveaus aus Ca 40 (He 3, n)	12 - 1380
Spectroscopic factors for Ca 40 (He 3, α) Ca 39 (L)	7 - 1076
Excitation of proton hole states in Ca 43 by K 41 (He 3, p) Ca 43 (L)	1 - 1065
Ca 42 (He 3, α), particle-hole states in Ca 41 analog states in K 41 (L)	9 - 944
Ti 46-Niveaus aus (He 3, d) und (He 3, α)	21,2 MeV
Ti 45 (He 3, d) bei 37,7 MeV und Ti 46 (p, p') bei 21,2 MeV	10 - 1297
(He 3, α)-Reaktionen an Ti 46, 48, 50	1 - 1256
Stripping bei Ti 46 (He 3, d) V 47 und V 47-Niveaus	3 - 1082
Ti 46 (He 3, d) V 47	6 - 1091
V 48-Niveaus aus (d, α) und (He 3, p)	8 - 1129
V 48-Niveaus aus Ti 47 (He 3, d)	10 - 1098
V 47, 49, 51-Zustände aus (He 3, d) an Ti 48	3 - 934
V 49-Niveaus aus (t, α) und (He 3, d)	8 - 1126
Ti 48 (He 3, d) V 49	9 - 1072
Quasi-unelastische (He 3, t)-Streuung an Ti 48	12 - 1383
Cr 50 (He 3, d) Mn 51	1 - 1255
V 51-, Mn 53- und Co 55-Niveaus aus (He 3, d)	5 - 1048
Mn 52-Niveaus aus (d, α) und (He 3, p)	8 - 1130
Form factors for C 54, 52, 50 (He 3, α)	11 - 1323
Co 56-Zustände aus (d, α) und (He 3, p)	8 - 1137
Fe 54 (He 3, α) Fe 53. Spektren, Winkelverteilung	10 - 1299
Fe 54 (He 3, p) Co 56 at 18 MeV	10 - 1302
DWBA study of C 54 (He 3, α) Cr 53	11 - 1322
Ni 58 (He 3, p) Cu 60 (L)	7 - 1223
He 3 scattering from Ni and Zr isotopes	11 - 1318
(He 3, α) reactions from Ni and Zr isotopes	11 - 1319
Ni 58 (He 3, He 3) and Ni 58 (He 3, α) at 51,3 MeV	12 - 1379
Ni 60-Niveaus aus (He 3, d) und (p, p')	8 - 1136
Co 59 (He 3, p) Ni 61	8 - 1234
Ni 60-Niveaus aus Ni 60 (p, p') bei 13 MeV und Co 59 (He 3, dy) bei 18 MeV	10 - 1106
Ni 62 (He 3, d) Cu 63 bei 11 MeV	7 - 1226
Cu 63, 65 (He 3, d) und Zn 64, 66-Niveaus	4 - 1272
Zn 64 (He 3, d) (He 3, α) und Zn 63-, Ga 65-Niveaus	1 - 1257
Ge 70 (He 3, d) As 71	12 - 1384
Br 81-Zustände aus Se 80 (He 3, d)	3 - 950
Single-neutron-hole states in Zr 89 from Zr 90 (He 3, α) Zr 89 at 18 MeV	7 - 1096
Zr 90 (He 3, d) Nb 91	9 - 1073
He 3 scattering from Ni and Zr isotopes	11 - 1318
(He 3, α) reactions from Ni and Zr isotopes	11 - 1319
Zr 91 (He 3, α) Nb 92 Parität	1 - 1254
He 3, He 3) and Zr 92 (He 3, α) at 51-MeV	2 - 1075
Zr 92, (He 3, He 3) and Zr 92 (He 3, α) at 51-MeV	2 - 1076

(He 3, d)-Reaktion an Zinn-Isotopen	10 - 1127
(He 3, d)-Reaktion an In 113	10 - 1303
(He 3, d) an Sn 116, 118 und 120 und Sb 117, 119 und 121-Niveaus	5 - 1167
Single-particle proton states in Bi 209 in (He 3, d) reaction	3 - 989
(He 3, α) reactions on actinides and U 237 levels (L)	12 - 1381

He 4 (α -Teilchen) (43080):

Kollektivniveaus in S 32 durch α -Streuung	1 - 1070
Effektive range-Theorie für α -a Mehrkanalstreuung	1 - 1268
Analyse des d-Zerfalls bei α -d	2 - 1079
Anregungsfunktionen für (He 3, γ)- und (He 4, γ)-Reaktionen	3 - 1080
α -scattering by O 16 at 10 to 19 MeV	3 - 1085
Be 9 (α , n) C 12 und C 14 (p, α) B 11	4 - 1190
Effective range-Analyse der α -a-Streuung	4 - 1278
Interaction potentials of α -particles	4 - 1279
Protonen- und Alpha-Einfangstrahlung, Riesenresonanz	5 - 1150
Structure of Ca 40, 42, 44, 48 from inelastic α -scattering	7 - 1067
Y 40 and Y 60 components in shapes of rare earth nuclei (L)	7 - 1139
γ -angular distribution following (α , n) and (p, n) reactions (L)	7 - 1230
Scattering of Fe energy alpha-particles by medium weight even nuclei (Fe 54, Ni 60, Zn 66 and Zn 68 (L)	8 - 1239
Elastic scattering of α from light nuclei	9 - 1081
Nuclear temperatures in (α , n) reactions	10 - 1309
Opt. Modell für α - und π -Rückstreuung	11 - 1179
γ -Winkelverteilungen aus (α , ny) und (p, ny)	11 - 1278
d- und α -Kern-WW, 190 MeV	11 - 1295
Inelastic α -scattering from nuclei in sd shell	11 - 1328
α -nucleus diffraction scattering and Regge poles	12 - 1390
Inelastic scattering of alphas and nuclear structure	12 - 1393
H 2 (α , α')-Reaktion bei 42 MeV	7 - 1234
Scattering of He 3 by He 4 and He 4 by tritium	7 - 1221
Interaction between He 3 and He 4	8 - 1236
P-, d-, He 3- und α -Streuung an H 3	9 - 1068
Polarization in He 3-He 4 scattering 26 MeV	11 - 1324
α -a-WW bei 15 MeV	1 - 1265
B 10-Niveaus aus Li 6 (α , α)	2 - 946
α -a-Streuung, Potential	11 - 120
Excited states in B 11 by Li 7 (α) reaction	8 - 1106
Be 8-Grundzustand aus α -a-Streuung	8 - 1108
Be 9 (α , n) C 12 und C 14 (p, α) B 11	4 - 1190
α -inelastic scattering by Be 9 at 28,5 MeV	6 - 1097
(α , n) an Be 9 und C 13 unter 1 MeV	9 - 1079
Quasi-free α -a scattering in Be 9 and C 12 at 37 MeV	11 - 1333
(α , d)-reactions on B isotopes	4 - 1280
C 12 (α , d) N 14, isospin conservation	1 - 1259
α -scattering on C 12 and C 13 33,4 MeV	2 - 1081
C 12 + α \rightarrow O 16 \rightarrow Be 8 + Be 8	3 - 1086
Absolute neutron yields from thick target C (α , n)	8 - 1238
C 12 (α , α) und O 16-Niveaus	9 - 1078
O 16-Niveaus um 13 MeV aus C 12 (α , α)	10 - 1074
Fragmentation in 90 MeV α -Reaktionen C und N	11 - 1332
α -induzierte Reaktionen an C und O	12 - 1397
C 12 (α , n) O 16 Wirkungsquerschnitt von 1,95 bis 5,57 MeV	1 - 1260
C 13 (α , α), (α , n) und O 17-Niveaus	9 - 1080
α -scattering by O 16 at 5,8 to 10,0 MeV	3 - 1084
Hochangeregte Zustände von Ne 22 aus O 18 + α	12 - 1228
F 19 (α , t) Ne 20, Winkelverteilung und Wirkungsquerschnitte	1 - 1262
Ne 22-Zerfall aus F 19 (α , py)	10 - 1092
1,528- und 0,891-MeV states of Na 22 in F 19 (α , ny) Na 22	11 - 1052
α -scattering from Ne, Mg, Al, Ca, Mn, Ni, Co	3 - 1088
Ne 20 (α , γ) Mg 24 bei 3-6 MeV	7 - 1233
Scattering of α -particles on Ne 20, Mg 24, S 32, Ar 40, Ti 48 and Ni 58	9 - 1082
18,7 MeV cross sections for Na 23 (α , d ₀ γ) Mg 25	6 - 1095
Large angle α -scattering from the 3 ⁺ unnatural parity states in Mg 24	1 - 1263
T nonconservation in Mg 24 + α \rightleftharpoons Al 27 + p	4 - 1275
Riesendipolresonanzen bei (α , γ)-Reaktionen an Mg 24 und 26 und Si 28	7 - 1232
Inelastic scattering of 42-MeV α by Mg 24	9 - 1076
Al 27 (p, α) Mg 24* and Mg 24 (α , α) Mg 24*	11 - 1268
Phase rule in Mg 24 (α , α') scattering	11 - 1327
Mg 24 (α , p) Al 27 and Al 27 (p, α) Mg 24	11 - 1330
Excitation in Si 30 through Mg 26 (α , α) Mg 26	11 - 1329
Al 27 (α , d) Si 29	9 - 1077
Al 27 (α , p) Si 30 bei 10-25 MeV, Winkelverteilung	10 - 1308
S 32-Niveaus bei P 31 (p, α) und Si 28 (α , γ)	3 - 935

(α, t) reactions on Ni 64 and Si 30 (L)	3 - 1087
Kollektivniveaus in S 32 durch α -Streuung	1 - 1070
Optical-model of S 32 (α, a) S 32 from 10.0 to 17.5 MeV	11 - 1325
Ar 38-Zustände aus C1 35 ($\alpha, p\gamma$)	5 - 1047
(α, γ) an Ar 38 und 36	4 - 1276
Ca 40 (α, d) bei 25 MeV	2 - 1080
Ti 44 - Niveaus in Ca 40 (α, γ) Ti 44	5 - 1053
Ca 40 ($\alpha, a\gamma$)	9 - 1075
(d, t)- und ($d, He\ 3$)-Reaktionen an Ca 40	10 - 1288
Resonance in Ca 40 (α, a)	11 - 1326
Ti 44-Niveaus in Ca 40 (α, γ)	12 - 1229
Ca 48 (α, p) Sc 51 (L)	2 - 1078
Scattering of 43-MeV α by Ti isotopes	4 - 1274
Ti 48 (α, a') und Oktupol-Zustände in Ti-Isotopen	12 - 1222
Ww 25 MeV- α -Teilchen mit Cr, Fe, Ni, Co, Cu, Zn	10 - 1307
($\alpha, He\ 3$) and (α, t) reactions on Fe 54	10 - 1305
Fe 56 ($\alpha, p\alpha n$), Ti 48 (C 12, $p\alpha n$), Anregungsfunktionen	1 - 1261
(α, a') an Ni 58	3 - 913
α -Streuung an Ni, Cu, Ag, Ta, Au	3 - 1089
21-MeV α -scattering on A=58-64 targets	8 - 1237
α -Streuung an Ni 58 und Ni 60 im opt. Modell	10 - 1292
(α, p) reactions on Ni isotopes at 19.3 and 20.1 MeV (L)	10 - 1310
α - and p -spectra from Co 59 + α and Ni 62 + p	11 - 1331
Low-energy α -reactions on Co 59	12 - 1391
Totale α -Reaktionsquerschnitte für Kerne um A=60	7 - 1231
Reactions of Cu isotopes with He 4 ions	3 - 1083
Coulomb-Anregung von As 75 mit α und O-Ionen	5 - 1056
Isomerenverhältnis für Y 89 ($\alpha, 3n$) Nb 90g, 90m	5 - 1169
Zr 90, 92, 94 ($\alpha, He\ 3$) bei 34, 4 MeV	10 - 1290
(α, γ) und (O 16, O 16 γ) an Ru 98, 100, 102 und 104	12 - 1392
Elastic scattering of 14.7 MeV α -particles from heavy nuclei, Ag	
107, In 115, W 186, Au 197, Bi 209, U 238	1 - 1264
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ferro-, Ferri-, Antiferromagnetismus

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X. Physik unter stofflichem Gesichtspunkt

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--: Germanium und Si-Ge-Legierungen (83526):

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Alphabetisches Namenregister

Band 47/1968

Beispiel für die Anordnung in diesem Register :

Name	Vorname	Heft-Referate-Nr.	Fachgebiet	Klassifikationszahl
BARON	R	5-2734	HALBLEITER	71530

In diesem Register sind die Arbeiten der Autoren außer durch Heft- und Referatenummern noch durch eine fünfstellige Klassifikationszahl und durch einen Fachgebietshinweis gekennzeichnet. Der Fachgebietshinweis dient der ersten groben Orientierung über das Fachgebiet der Arbeit. Die Klassifikationszahl gibt die Stellung der Arbeit im Sachregister und damit das genaue Fachgebiet an.

Aus dem zugehörigen Kurztitel im Sachregister kann weitere Information über die in Frage stehende Arbeit entnommen werden.

(ä, ö, ü suche man unter ae, oe, ue; ø unter oe; a unter a; Mc unter Mac; russische Autorennamen können sowohl in deutscher als auch in englischer Transliteration erscheinen, daher siehe z. B. w = v; e, je, jo = e, ye; s = z; sh = zh; tsch = ch; sch = sh; schtsch = shch; ch = kh; z = ts; j = i; u = yu, iu; ja = ya, ia; f, ff = w, v)

DT	RE	4-1649 PLASMA	57055	ABELES	B	5-2075 GITTERDYN.	67060	ABUZEID	MA	3-1047 KERNREAKTIO	43054
		4-1655 PLASMA	57060			11-2647 SUPRALEITG.	70540			6-1064 KERNREAKTIO	43054
		7-1540 PLASMA	57055		F	11-3096 DUENNE SCHI	74040	ACERBI	E	2-1217 ATOME	52065
ESTAD	PA	12-1784 PLASMA	57060	ABELLA	ID	12-3090 FK-SPEKTREN	73380	ACHARYA	R	8-1034 STARKE WW.	41764
ES	JF	7-2918 KOSM.PHYSIK	94520	ABELSKII	SS	4-2324 HALBLEITER	71520			9- 206 QU.FELDTHEO	17060
N	R	8- 174 QUANTENTHEO	16516	ABERG	T	7-1282 ATOME	52010			11- 882 STARKE WW.	41764
		1-1786 FLUESSIGK.	58562			11-1414 ATOME	52022			12- 936 ELEMENTART.	41546
		6-1023 KERNREAKTIO	43012	ABERLE	N	6-2509 FK-SPEKTREN	73320	ACHASOV	MN	7- 918 STARKE WW.	41725
		8-1033 STARKE WW.	41764	ABERS	E	2- 130 QUANTENTHEO	16582	ACHE	HJ	12-1687 MOLEKUELE	52575
		10- 233 QUANTENTHEO	16588			2- 147 QU.FELDTHEO	17010	ACHENBACH	GD	8-2121 DIELEKTRIKA	68020
	J	5-2902 SONNENPHYS.	93326			8- 227 QUANTENTHEO	16578	ACHMANOVA	AV	6- 432 MASER,LASER	28060
		10-2939 IONOSPHERE	91078		ES	11- 703 ELEMENTART.	41546	ACHTERATH	AD	11-1145 KERNSPEKTR.	42570
SEN VAN JJ		5-2059 MECH.EIG.FK	66556	ABERTH	W	1- 757 RESTR.FUNIG	41010	ACKER	C	5- 319 HYDRODYNAM.	23020
JIEVA	L	11-1787 PLASMA	57093			4-1407 ATOME	52065		FE	12-1905 GASENTLADG.	57870
BANEL	HDI	2- 736 ELEMENTART.	41570			11-1440 ATOME	52065		HL	6-1036 KERNREAKTIO	43030
		10- 831 ELEMENTART.	41540	ABEY	AE	8-2705 GRENZFL.FK	74563			11-1009 KERNSPEKTR.	42500
		10- 867 ELEMENTART.	41572	ABGRALL	F	6-1546 PLASMA	52729	ACKERBERG	RC	11- 325 HYDRODYNAM.	23070
		11- 731 ELEMENTART.	41563		Y	7-1056 KERNSPEKTR.	42540	ACKERMAN	CC	3-1924 GITTERDYN.	67020
		12-1044 STARKE WW.	41740	ABIGNOLI	M	4-1409 ATOME	52065	ACKERMANN	F	11-1106 KERNSPEKTR.	42560
	S	6- 319 THERMODYN.	24556			8-1338 ATOME	52060		H	1-1375 ATOME	52030
		6- 320 THERMODYN.	24556	ABILDAEV	AK	12- 782 KERN-MESSG.	40512		T	5- 36 BUECHER	11040
		7-2872 PLANETEN	93630	ABILOV	GS	4-2251 LEITFHGK.FK	70056	ACKET	GA	3-2395 HALBLEITER	71540
ENKOV	IV	1-1822 KRISTALLE	65530	ABILOVA	TS	4-1481 MOLEKUELE	52538			4-2341 HALBLEITER	71540
		2-2208 LEITFHGK.FK	70022			5-1413 MOLEKUELE	52530	ACOSTA	AJ	4- 404 HYDRODYNAM.	23020
CHI	H	6-1055 KERNREAKTIO	43044	ABKOWITZ	M	4-1582 POLYMERE	53544	ACRIVOS	A	4- 424 HYDRODYNAM.	23050
		6-1056 KERNREAKTIO	43044	ABLAND	JE	10- 461 THERMODYN.	24556			8- 392 HYDRODYNAM.	23050
HIAN	A	1- 802 ELEMENTART.	41546	ABLES	HD	9-2957 KOSM.PHYSIK	94510			9- 377 WAERME	24050
S	M	9-1507 PLASMA	57080		JG	8- 799 KERN-MESSG.	40570	ACTON	LW	4-2876 KOSM.PHYSIK	94540
	MA	7- 344 HYDRODYNAM.	23070	ABLOW	CM	3-1498 GASE	58025			11-3434 KOSM.PHYSIK	94540
SOV	AA	11-1519 MOLEKUELE	52516	ABNEY	F	3-2819 IONOSPHERE	91020	ADACHI	E	7-2329 HALBLEITER	71530
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		12-3391 SONNENPHYS.	93312	ABON	M	8-2692 GRENZFL.FK	74535		K	11-2330 MAGN.EIG.FK	69015
	JC	9-9912 ATOME	52090	ABOU HADID LF		4-1269 KERNREAKTIO	43070		M	2-1947 THERMEIG.FK	67550
	WJ	1- 187 QUANTENTHEO	16582	ABOU LEILA H		5-1087 KERNSPEKTR.	42565			3-2776 KOSM.STRLG.	90640
		1- 188 QUANTENTHEO	16582			8-1169 KERNSPEKTR.	42565			9- 965 KERNSPEKTR.	42555
		2- 116 QUANTENTHEO	16575			11-1097 KERNSPEKTR.	42555			11-1276 KERNREAKTIO	43056
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		2- 769 STARKE WW.	41710	ABOV	YG	12-1341 KERNREAKTIO	43046			9- 680 KERN-MESSG.	40584
		6- 131 QUANTENTHEO	16575	ABOWITZ	G	8- 117 LABORTECHN.	12530	ADADUROV	GA	3-1883 MECH.EIG.FK	66545
		6- 132 QUANTENTHEO	16575	ABRAGAM	A	1-2050 FK-SPEKTREN	73370	ADAIR	RK	8- 777 KERN-MESSG.	40542
		9-161 QUANTENTHEO	16578			12-3045 FK-SPEKTREN	73370			11-3259 KOSM.STRLG.	90640
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EL KAWY A		12-1344 KERNREAKTIO	43046			8-1741 FLUESSIGK.	58527	ADAM	A	1-1128 KERNSPEKTR.	42565
EL MONEM MS		11-1375 KERNSTRLG.	44030			10-2167 THERMEIG.FK	67510			10-1276 KERNREAKTIO	43058
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		9- 688 BESCHLEUNIG	41010		DB	1-2120 MAGN.EIG.FK	69030			8-1151 KERNSPEKTR.	42560
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ELMERRAZJI JE		1- 634 OPT.INSTRUM	28545		F	3- 871 STARKE WW.	41783			2-1864 MECH.EIG.FK	66556
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		9-2281 HALBLEITER	71530			12-2978 FK-SPEKTREN	73355			10-1826 FLUESSIGK.	58525
		6-2415 HALBLEITER	71530	ABRAHAM SHRAUNER B.		2-1371 PLASMA	57050	ADAMETZ	O	9-1860 KRIST.FEHL.	66030
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		7-1107 KERNSPEKTR.	42560			12-2711 SUPRALEITG.	70530			12-2261 KRIST.FEHL.	66030
		10-1135 KERNSPEKTR.	42560		MS	2-1745 KRIST.FEHL.	66025		VM	10-1329 KERNREAKTIO	43092
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		2-2383 HALBLEITER	71566		SC	1-1856 KRISTALLE	65584			11- 749 ELEMENTART.	41574
		3-1621 KRISTALLE	65518			3-1702 KRISTALLE	65584	ADAMS	A	9- 946 KERNSPEKTR.	42545
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ULOV	RZ	9-2141 MAGN.EIG.FK	69060			8-2592 OPT.EIG.FK	73625		E	1- 422 WAERME	24050
		11-2492 MAGN.EIG.FK	69060		EV	12-3133 OPT.EIG.FK	73640		ED	2- 278 HYDRODYNAM.	23030
ULSABIROV R.Y.		2-2043 FK-SPEKTREN	73355		VA	1-1794 FLUESSIGK.	58570			5-2215 MAGN.EIG.FK	69000
					VG	7-1320 ATOME	52040			11-2249 THERMEIG.FK	67530
URAKHMANOVA A.A.		2-1890 GITTERDYN.	67040		YN	7-1481 MOLEKUELE	52585		F	12-2434 THERMEIG.FK	67530
					VG	6-1452 PLASMA	57053			8- 760 KERN-MESSG.	40520
UVAKHIDOV K.M.		2-2378 HALBLEITER	71563		YY	12-3438 STERNE	94025	GW	J	1-2764 IONOSPHERE	91050
		6-2457 HALBLEITER	71566	ABRAMOVA	IN	8-2592 OPT.EIG.FK	73625			12-1986 FLUESSIGK.	58535
		8-1050 STARKE WW.	41783	ABRAMOVICH	BG	9- 362 WAERME	24020		JB	6-2904 PLANETEN	93640
		10-1006 STARKE WW.	41783		LS	4- 345 MECHANIK	22032			9-2903 PLANETEN	93640
	A	3-1944 GITTERDYN.	67060	ABRAMOWITZ A		1- 458 ELEKTRIZIT.	26012			11- 931 STARKE WW.	41790
	H	2-2024 FK-SPEKTREN	73370		IA	8- 673 OPT.INSTRUM	28570		JC	11-3483 HOERN	96310
		2-2050 FK-SPEKTREN	73355		S	9-1295 MOLEKUELE	52524		JK	11-3227 ERDKOERPER	90260
		11-2949 FK-SPEKTREN	73370	ABRAMS	MD	8-2185 MAGN.EIG.FK	69035		JM	10- 714 MASER,LASER	28060
	K	5-2542 PHOTOLEITG.	72510		RJ	1- 802 ELEMENTART.	41546		JW	11- 423 HF-TECHNIK	27540
		8-2403 HALBLEITER	71540			3- 805 STARKE WW.	41730		PD	7-1683 FLUESSIGK.	58520
		11-2937 FK-SPEKTREN	73360			5- 892 STARKE WW.	41730			9-2246 METAL.LEITG	71000
	M	8-1001 STARKE WW.	41753		RL	4- 636 MASER,LASER	28055		RA	3-2732 KOSM.STRLG.	90630
	R	2-1782 KRIST.FEHL.	66035			5-1319 ATOME	52065		RJ	7- 743 KERN-MESSG.	40512
		2-1993 DIELEKTRIKA	68030	ABRAMSKII FA		1- 594 MASER,LASER	28055		TF	10-3041 STERNE	94020
		2-2085 MAGN.EIG.FK	69025			2-2169 MAGN.EIG.FK	69070		WD	4- 99 UNTERRICHT	12040
		5- 439 THERMODYN.	24530	ABRAMSKY FA		1-2169 LEITFHGK.FK	70010	ADAMS III NI		10-1549 MOLEKUELE	52540
		5-2244 MAGN.EIG.FK	69025			7-2431 FK-SPEKTREN	73325	ADAMS JR. A		9- 516 MASER,LASER	28050
		6-2236 MAGN.EIG.FK	69025	ABRAMSON EP		11-1277 KERNREAKTIO	43056	ADAMSON	AM	3- 821 STARKE WW.	41745
		8-2180 MAGN.EIG.FK	69025			10- 740 KERN-MESSG.	40542			8-2686 GRENZFL.FK	74535
		8-2539 FK-SPEKTREN	73355	ABRAMYAN EA		11- 664 BESCHLEUNIG	41040			12-2132 KRISTALLE	65545
	T	5-1972 KRIST.FEHL.	66035	ABRIKOSOV AA		4-2314 METAL.LEITG	71000		RB	10-2062 KRIST.FEHL.	66065
		11-2770 HALBLEITER	71580			10-1950 KRISTALLE	65545	ADAMSON JR. TC		3- 319 HYDRODYNAM.	23060
	Y	1-1265 KERNREAKTIO	43080	ABROSIMOV AT		6-2795 KOSM.STRLG.	90646	ADAMI	I	10- 280 STATISTIK	17560
		3-1291 FK-SPEKTREN	73370			11-3267 KOSM.STRLG.	90646	ADCOCK	BD	2-1433 PLASMA	57020
		4- 433 HYDRODYNAM.	23070		VK	6- 99 WAERME	24040	ADDA	Y	7-1931 KRIST.FEHL.	66040
		8-2430 THERMOELEKT	72010	ABROYAN IA		2-26 0 GRENZFL.FK	74576			11-2081 KRIST.FEHL.	66020
		9-2277 HALBLEITER	71520			10-2045 K-IST.FEHL.	66060	ADDE	RH	5-1446 MOLEKUELE	52526
ECASIS	SM	3- 948 KERNSPEKTR.	42555			12-2323 K-IST.FEHL.	66076	ADDINK	NW	3-1669 MOLEKUELE	52520
		4-1068 KERNSTUKT.	42075	ABT	HA	8-2953 STERNE	94095	ADDISON	CC	1-1725 FLUESSIGK.	58500
		4-1069 KERNSTUKT.	42075	ABU LEILAH MM		10-1037 KERNSTUKT.	42070	ADELBERGER EG		6- 914 KERNSPEKTR.	42535
		7-1045 KERNSPEKTR.	42510	ABU ROMIA MM		7- 713 PHYS.OPTIK	29063			11-1040 KERNSPEKTR.	42540
		7-1108 KERNSPEKTR.	42560			7-1672 GASE	58060			11-1056 KERNSPEKTR.	42545
		9- 921 KERNSPEKTR.	42510	ABUKU S		2-2119 MAGN.EIG.FK	69040	ADEMOLLO M		3- 782 STARKE WW.	41710
EE	DW	12-1705 POLYMERE	53510	ABUL MAGD AY		4-1193 KERNREAKTIO	43012				

ADHAV	RS	12-2500	DIELEKTRIKA	68050	AGGARWAL	AK	10- 690	PHYS.OPTIK	29035	AKASHI	M	8-1049	STARKE WW.	
		12-2501	DIELEKTRIKA	68050		G	4-1099	KERNSPEKTR.	42545	AKASOFU	SI	1-2706	GEOMAGNET.	
ADIB	M	12-1344	KERNREAKTIO	43046		KG	5-2073	GITTERDYN.	67020			1-2707	GEOMAGNET.	
ADICOFF	A	5-1517	POLYMER	53542		RL	1-2506	FK-SPEKTREN	73330			1-2708	GEOMAGNET.	
ADIKS	TG	2-2491	FK-SPEKTREN	73330			1-2528	OPT.EIG.FK	73610			2-2720	GEOMAGNET.	
ADIROVICH	EI	4-2580	DUENNE SCHI	74040			5-2339	LEITFHGK.FK	70026			3-2721	GEOMAGNET.	
		4-2637	GRENZFL.FK	74563	AGIN	GP	5-1100	KERNSPEKTR.	42570			12-3293	GEOMAGNET.	
		6-2734	GRENZFL.FK	74573			6- 985	KERNSPEKTR.	42565			12-3294	GEOMAGNET.	
		10-2520	PHOTOLEITG.	72510			6- 986	KERNSPEKTR.	42565	AKATNOV	NI	1-1572	PLASMA	
ADITYA	PK	11- 915	STARKE WW.	41783			7-1133	KERNSPEKTR.	42570	AKATNOVA	KN	11-3202	GRENZFL.FK	
ADLAM	JH	2-1443	PLASMA	57250	AGOBIAN DER R		4- 647	MASER,LASER	28060	AKASU	AZ	1-1277	K-REAKTOREN	
		9-1559	PLASMA	57260	AGOSTA	VD	1- 375	HYDRODYNAM.	23060			4-1694	PLASMA	
ADLER	E	6-2251	MAGN.EIG.FK	69040	AGRANAT	BA	7- 353	HYDRODYNAM.	23070			7- 716	PHYS.OPTIK	
		8- 473	THERMODYN.	24510	AGRANOVICH	VM	2-2229	LEITFHGK.FK	70053			11-1349	K-REAKTOREN	
	G	10-2027	KRIST.FEHL.	66025			8-2004	KRIST.FEHL.	66070	AKEMANN	CA	8- 171	QUANTENTHED	
JEM		8-2905	PLANETEN	93640		YS	11-2252	THERMEIG.FK	67530	AKEN VAN	JE	9-1694	FLUESSIGK.	
	PN	11-2172	MECH.EIG.FK	66516	AGRAWAL	BK	5-2117	THERMEIG.FK	67520	AKERIB	R	2- 731	ELEMENTART.	
	SL	1- 824	ELEMENTART.	41566		JP	3-2569	OPT.EIG.FK	73640	AKERLOF	CW	2- 803	STARKE WW.	
		7- 938	STARKE WW.	41740			5-2661	OPT.EIG.FK	73645			5- 908	STARKE WW.	
		11- 33	BUECHER	11020		VD	6-1625	FLUESSIGK.	58520			6- 786	STARKE WW.	
ADLFINGER	KH	4-1797	FLUESSIGK.	58550		VK	4-1916	KRIST.FEHL.	66025			9- 785	ELEMENTART.	
		5-2028	MECH.EIG.FK	66516			5-1946	KRIST.FEHL.	66015			11- 831	STARKE WW.	
ADLOFF	JC	11-1039	KERNSPEKTR.	42540	AGRESTI	D	1-1109	KERNSPEKTR.	42560			12-1042	STARKE WW.	
	JP	9- 45	BUECHER	11030			1-1144	KERNSPEKTR.	42570	AKERMAN	K	1-1887	KRIST.FEHL.	
ADOLPH	J	4-2240	LEITFHGK.FK	70053	AGRINIER	B	12-3306	KOSM.STRLG.	90630			6-1925	KRIST.FEHL.	
		4-2415	FK-SPEKTREN	73325	AGRITELLIS	C	10- 807	BESCHLEUNIG	41030	AKERS	RJ	5- 753	KERN-MESSG.	
ADONEV	YG	6-2100	GITTERDYN.	67060	AGUDIN	J	2- 395	ELEKTRODYN.	26540	AKHABABYAN	N	11-3262	KOSM.STRLG.	
ADOU	JJ	6-2281	MAGN.EIG.FK	69065	AGUIRRE	E	8-1049	STARKE WW.	41783	AKHIEZER	AI	4- 68	BUECHER	
ADRIAN	FJ	11-2907	FK-SPEKTREN	73355	AGULLO LOPEZ F		2-1728	KRIST.FEHL.	66015			4-2160	MAGN.EIG.FK	
ADSI	NR	4- 131	LABORTECHN.	12510			5-1984	KRIST.FEHL.	66035			9- 779	ELEMENTART.	
ADY	E	9-2270	HALBLEITER	71520			6-1985	KRIST.FEHL.	66065		IA	2-1537	FLUESSIGK.	
ADYA	S	10-1012	KERNSTRUKT.	42010	AHARONI	A	2-2102	MAGN.EIG.FK	69035			2-2133	MAGN.EIG.FK	
ADYASEVICH	BP	1-1221	KERNREAKTIO	43052			10- 478	ELEKTIRIZIT.	26030			5-1609	PLASMA	
AEBISCHER	N	2- 586	PHYS.OPTIK	29035			11-2390	MAGN.EIG.FK	69035			8-1606	PLASMA	
AEDEROTH	KE	7-1120	KERNSPEKTR.	42565			11-3132	DUENNE SCHI	74050			9-1147	KERNSTRHLG.	
AEGERTER	M	6-2589	OPT.EIG.FK	73635	AHARONOV	Y	12-2551	MAGN.EIG.FK	69035			10-2279	MAGN.EIG.FK	
AFANASEV	AM	10-1965	KRISTALLE	65572			2- 74	QUANTENTHED	16516	AKHMAMETEV	MA	7- 421	ELEKTIRIZIT.	
	ML	2-1985	DIELEKTRIKA	68030	AHEARN	AJ	8- 154	MATH.PHYSIK	16000	AKHMANOV	SA	7- 527	MASER,LASER	
	NG	6- 605	KERN-MESSG.	40570	AHERN	NR	9-1513	PLASMA	57085			7- 535	MASER,LASER	
	VI	8-1870	KRISTALLE	65545	AHIER	G	3-1414	PLASMA	57085			7- 587	MASER,LASER	
AFANASEVA	GK	9-1905	MECH.EIG.FK	66514	AHLBURN	BT	10-2567	FK-SPEKTREN	73325			7-2519	FK-SPEKTREN	
AFANASIEV	AM	1- 703	PHYS.OPTIK	29063	AHLERS	G	2-1923	THERMEIG.FK	67510		VV	4- 891	ELEMENTART.	
	NG	11-599	KERN-MESSG.	40532			6-1654	FLUESSIGK.	58525	AKHMANOVA	MY	12- 653	MASER,LASER	
AFANASYEV	NG	1-1198	KERNREAKTIO	43036	AHLFIELD	CE	11-1320	KERNREAKTIO	43075	AKHMATOVA	IA	10- 438	WAERME	
		5-1130	KERNREAKTIO	43034	AHLRICH	R	4-1430	MOLEKUELE	52510			10-1854	FLUESSIGK.	
		8-1198	KERNREAKTIO	43036	AHMAD	I	8-1176	KERNSPEKTR.	42575	AKHMED	MP	11-1102	KERNSPEKTR.	
		9-1014	KERNREAKTIO	43034		M	11- 636	KERN-MESSG.	40584		S	12-3391	SONNENPHYS.	
		10-1210	KERNREAKTIO	43034		S	9-2298	HALBLEITER	71540		SS	5-2412	SUPRALEITG.	
	VN	6- 368	ELEKTIRIZIT.	26060	AHMADZADEH	A	3- 759	ELEMENTART.	41574	AKHMETZANOV	K.G.			
AFFORTIT	C	9-2001	THERMEIG.FK	67510			4- 239	QUANTENTHED	16582			8-2102	THERMEIG.FK	
AFIFI	MS	4- 585	HF-TECHNIK	27550			12-1083	STARKE WW.	41755	AKHTAR	P	1-1277	K-REAKTOREN	
AFMAN	IR	6-1010	KERNREAKTIO	43005	AHMED	F	9-1137	KERNSTRHLG.	44010	AKHUNDOV	SA	11-2029	KRISTALLE	
AFONIN	OF	4-1196	KERNREAKTIO	43018		MA	7- 903	STARKE WW.	41720	AKHYLEDIANI	IG	7-2463	FK-SPEKTREN	
	VP	1-2454	FK-SPEKTREN	73315			12-1068	STARKE WW.	41753	AKIBA	T	1- 846	STARKE WW.	
AFONINA	LF	5-2789	GRENZFL.FK	74576	AHN	J	4-2317	METAL.LEITG	71010			3- 845	STARKE WW.	
	RG	4-2685	GEOMAGNET.	90440		KY	4-2545	DUENNE SCHI	74010			8- 930	STARKE WW.	
AFRIDI	MK	9-1292	MOLEKUELE	52524	AHRENKIEL	RK	4-2438	FK-SPEKTREN	73325			12- 286	QU.FELDTHEO	
AFROMOWITZ	MA	3-2554	FK-SPEKTREN	73325	AHRENS	TJ	2- 832	STARKE WW.	41753	AKIMENKO	NI	1-2038	DIELEKTRIKA	
AFROSIMOV	VV	1-1439	ATOME	52065			8- 62	UNTERRICHT	12030	AKIMOTO	O	7-2312	HALBLEITER	
		2-1186	ATOME	52065		JS	10- 357	ELASTIZIT.	22530			1-2526	OPT.EIG.FK	
		5-1328	ATOME	52065		KL	1- 657	PHYS.OPTIK	29000			2-2214	LEITFHGK.FK	
		11-1789	PLASMA	57213		SDM	4- 801	KERN-MESSG.	40565			11-2566	LEITFHGK.FK	
		12-1881	PLASMA	57279	AI	B	9-1595	GASENTLADG.	57895		S	6-2043	MECH.EIG.FK	
AFZAL	SA	2- 933	KERNSTRUKT.	42080	AIDA	K	12-1632	MOLEKUELE	52538		SI	9-1930	MECH.EIG.FK	
		2- 934	KERNSTRUKT.	42080		M	3- 640	PHYS.OPTIK	29060		T	6-2643	DUENNE SCHI	
	SM	6-1384	POLYMER	53540	AIGINGER	H	9-1169	ATOME	52020	AKIMOV	AI	7- 639	OPT.INSTRUM	
AGABABYAN	KS	12-2642	LEITFHGK.FK	70035			6-1998	KRIST.FEHL.	66076		IA	2-2433	PHOTOLEITG.	
AGAEV	AI	10-2161	GITTERDYN.	67060			7-1276	KERNSTRHLG.	44033		VN	11- 771	STARKE WW.	
	Y	7-2345	HALBLEITER	71550			9-1155	KERNSTRHLG.	44033	AKIMOVICH	IN	4- 765	PHYS.OPTIK	
AGAFITEI	A	10- 608	MASER,LASER	28055			11-2127	KRIST.FEHL.	66076	AKIMUNE	H	1-1324	KERNSTRHLG.	
AGAFONNIKOV	VF	11-2759	HALBLEITER	71570	AIHARA	M	1- 637	OPT.INSTRUM	28545			2-1442	PLASMA	
	WF	9-2317	HALBLEITER	71566			2-1405	PLASMA	57085			5- 775	BESCHLEUNIG	
AGALETSKII	PN	4- 107	MESSEN	12200		Y	2-1406	PLASMA	57085	AKINO	F	9-1148	KERNSTRHLG.	
AGAPOVA	NN	10-2334	MAGN.EIG.FK	69070	AIKAWA	H	3- 292	HYDRODYNAM.	23020	AKINS	DL	12- 571	HF-TECHNIK	
AGAR	WD	7- 286	MECHANIK	22034	AIKIN	AC	1- 750	KERN-MESSG.	40580	AKIYAMA	K	5-2709	DUENNE SCHI	
AGARBICEANU	I	9-2065	DIELEKTRIKA	68040			9-2798	IONOSPHAERE	91045		Y	3- 92	VAKUUM	
		10- 608	MASER,LASER	28055			12-3321	LUFTHUELLE	90820			4- 154	VAKUUM	
AGARWAL	BK	3-2479	FK-SPEKTREN	73315	AINBINDER	NE	7-2456	FK-SPEKTREN	73345			4- 155	VAKUUM	
		10- 987	STARKE WW.	41767	AINOLA	LY	5- 297	ELASTIZIT.	22520			4- 165	VAKUUM	
		10-2548	FK-SPEKTREN	73315	AINSWORTH	WA	11-3478	BIOPHYSIK	96040			10-117	VAKUUM	
		12- 917	ELEMENTART.	41540	AINUTDINOV	MS	12- 838	KERN-MESSG.	40555			11-1044	KERNSPEKTR.	
		12- 990	STARKE WW.	41710	AIREY	JR	3-1279	MOLEKUELE	52575	AKIYOSHI	T	10-1254	KERNREAKTIO	
		12-1020	STARKE WW.	41725			3-1280	MOLEKUELE	52575	AKKMAN	AF	4-1943	KRIST.FEHL.	
		12-1033	STARKE WW.	41730	AIROLDI	G	8-2218	MAGN.EIG.FK	69065	AKHMANOV	AG	6-2524	FK-SPEKTREN	
		12-1034	STARKE WW.	41730			9-2255	METAL.LEITG	71010	AKOBYANOFF	L	3- 642	PHYS.OPTIK	
		12-1063	STARKE WW.	41750	AISAKA	T	1-2541	OPT.EIG.FK	73605			4- 755	PHYS.OPTIK	
	GS	11- 92	QUANTENTHED	16526	AISENBERG	DE E.Y.				AKOPDZHANOV	GA	12- 771	KERN-MESSG.	
	MK	4-1985	MECH.EIG.FK	66516			1-1117	KERNSPEKTR.	42560	AKOPOV	VM	8- 639	OPT.INSTRUM	
	YK	1-1082	KERNSPEKTR.	42550	AIT SALEM	H	12- 832	KERN-MESSG.	40550	AKOPYAN	GS	4- 822	KERN-MESSG.	
AGARWALA	BN	12-2411	GITTERDYN.	67070	AITCHISON	IJR	5- 182	QUANTENTHED	16580	AKOVALI	G	4-1578	POLYMER	
	RP	3-1764	KRIST.FEHL.	66025			5- 183	QUANTENTHED	16580	AKRITOV	AG	1-1847	KRISTALLE	
AGASIAN	ED	10- 992	STARKE WW.	41770	AITKEN	DK	9- 807	STARKE WW.	41710	AKS	SO	7- 209	QU.FELDTHEO	
AGASSI	D	11- 954	KERNSTRUKT.	42020		DW	12- 800	KERN-MESSG.	40520	AKSELROD	MM	1-2324	HALBLEITER	
		11-1239	KERNREAKTIO	43050	AIZU	K	12- 801	KERN-MESSG.	40520	AKSENOV	VS	8-1757	FLUESSIGK.	
AGASYAN	EO	8-1045	STARKE WW.	41770			1-2822	STERNE	94050		VV	9-1670	FLUESSIGK.	
AGATHONIKOU	ROKOFYLLIOU	E.					4-2077	DIELEKTRIKA	68030			6-1902	KRIST.FEHL.	
		2-1761	KRIST.FEHL.	66030	AJDUK	Z	4- 943	STARKE WW.	41725	AKSHANOV	BS	8- 534	TEILCH.OPT.	
AGBANYAN	YG	4- 511	ELEKTIRIZIT.	26010	AJMERA	RC	5-1603	PLASMA	57023	AKULENOK	EM	3- 506	MASER,LASER	
AGEEV	AN	12-3020	FK-SPEKTREN	73360	AJZENBERG	SELOVE F.						8-		

ALAIS - ALLEN

P	1-2281 SUPRALEITG.	70550	ALEKSANYAN VT	10-1499 MOLEKUELE	52510	ALI	AW	8- 598 MASER, LASER	28055
AV	6-1057 KERNREAKTIO	43044		10-1517 MOLEKUELE	52514		M	2-1875 THERMEIG.FK	67510
11- 828 STARKE WW.	41735			11-1501 MOLEKUELE	52512		MA	3-1198 MOLEKUELE	52516
ASM	9-2593 OPT.EIG.FK	73640		12-1600 MOLEKUELE	52510			12-1471 ATOME	52010
MA	5- 887 STARKE WW.	41725	ALEKSEENKO LI	9-2577 OPT.EIG.FK	73625		S	2- 892 STARKE WW.	41790
1-2172 FK-SPEKTREN	73330		ALEKSEEV AI	1- 536 HF-TECHNIK	27540			2- 933 KERNSTRUKT.	42080
9-1313 MOLEKUELE	52538			6- 406 MASER, LASER	28045			2- 934 KERNSTRUKT.	42080
6-1491 PLASMA	57075		LF	2-2846 PLANETEN	93630			3- 873 STARKE WW.	41790
3-2757 KOSM.STRLG.	90633		NI	12- 690 OPT.INSTRUM	28556			8-1052 STARKE WW.	41790
B	12- 562 HF-TECHNIK	27530	VA	8-2911 PLANETEN	93640			11- 928 STARKE WW.	41790
A	2- 670 BESCHLEUNIG	41000	VI	9-2027 THERMEIG.FK	67550	ALIBOZEK	RG	12-3181 DUENNE SCHI	74020
10-2482 HALBLEITER	71540			9-2028 THERMEIG.FK	67550	ALIEV	AA	2-2675 GRENZFL.FK	74560
2-1659 FK-SPEKTREN	73310		ALEKSEVA EP	8-1950 KRI... HL.	66030		FY	2-1832 MECH.EIG.FK	66514
2-1660 FK-SPEKTREN	73310		LA	1-2521 OPT.EIG.FK	73610		GM	3-1590 FLUESSIGK.	58565
9-1770 KRISTALLE	65545			3-2546 OPT.EIG.FK	73610			6-2426 HALBLEITER	71530
11-2819 FK-SPEKTREN	73310		LM	2-1367 PLASMA	57045			9-2279 HALBLEITER	71530
A	5- 136 QUANTENTHED	16516	VG	7-2348 HALBLEITER	71560			9-2281 HALBLEITER	71530
HJ	2-1801 KRIST.FEHL.	66070		12-2838 PHOTOLEITG.	72510		MI	2-1890 GITTERDYN.	67040
	3-1917 GITTERDYN.	67020	ALEKSEEVSKII N.E.					3-1979 THERMEIG.FK	67520
	12-2631 LEITFHGK.FK	70028		5-2411 SUPRALEITG.	70540			4-2047 THERMEIG.FK	67520
C	3-1797 KRIST.FEHL.	66035		7-2270 SUPRALEITG.	70540			6-2415 HALBLEITER	71530
PR	10-2930 IONOSPHERE	91050		7-2320 HALBLEITER	71520		MM	11-2758 HALBLEITER	71570
RS	9-2500 FK-SPEKTREN	73360		8-2328 SUPRALEITG.	70520			12-2774 HALBLEITER	71530
M	4-1320 KERNSTRHLG.	44020		8-2366 METAL.LEITG	71010		MM	6-2096 GITTERDYN.	67060
C	11-3049 OPT.EIG.FK	73670		9-2549 OPT.EIG.FK	73605		MP	11-1501 MOLEKUELE	52512
H	7-2887 STERNE	94000		11-2642 SUPRALEITG.	70530			12-1600 MOLEKUELE	52510
W	2-2320 HALBLEITER	71520	ALEKSEEVSKIJ N.E.				MR	4- 202 QUANTENTHED	16526
D	1-1299 KERNSTRHLG.	44010		8-2297 LEITFHGK.FK	70065			8-1399 MOLEKUELE	52514
	4-1296 K-REAKTOREN	43515	ALEKSEJUNAS B	12-2840 PHOTOLEITG.	72510			10-1499 MOLEKUELE	52510
	7-1259 K-REAKTOREN	43520	ALEKSEYEV AN	7- 577 MASER, LASER	28055			10-1517 MOLEKUELE	52514
RD	7-2712 GEOMAGNET.	90470	LA	8-2584 OPT.EIG.FK	73610		SA	10-2465 HALBLEITER	71540
RH	5-1499 MOLEKUELE	52550	ALEKSEYEVSKI N.E.				ZG	3-1883 MECH.EIG.FK	66545
F	10-1528 MOLEKUELE	52524		4-1855 KRISTALLE	65540	ALIEVA	MK	10-2512 PHOTOLEITG.	72510
RTONI	5-1205 K-REAKTOREN	43520		8-2367 METAL.LEITG	71010	ALIEVSKII	MY	3-1347 PLASMA	57033
	10- 277 STATISTIK	17540	ALEKSIC M	9-2230 SUPRALEITG.	70530	ALIG	RC	1-1965 GITTERDYN.	67060
L	11-2248 THERMEIG.FK	67530	ALEKSIN VF	5-1177 KERNREAKTIO	43085			8-2275 LEITFHGK.FK	70045
WJ	2-1588 FLUESSIGK.	58568		4- 758 PHYS.OPTIK	29053	ALIKHANOV	RA	5-1919 KRISTALLE	65582
SA	4- 255 QUANTENTHED	16588		11-1806 PLASMA	57263		SG	10- 475 ELEKTRIZIT.	26030
ZA	1- 296 MECHANIK	22034	ALEKSOFF C	7- 565 MASER, LASER	28055			11- 651 BESCHLEUNIG	41010
G	11- 638 KERN-MESSG.	40584	ALEONARD R	4-2194 MAGN.EIG.FK	69065	ALISAUSKAS S		6-1175 ATOME	52020
	7-1103 KERN-SPEKTR.	42555	ALERS GA	4-1967 MECH.EIG.FK	66514	SJ		10- 154 QUANTENTHED	16516
	10-1139 KERN-SPEKTR.	42560	ALESHIN GM	10-3019 PLANETEN	93640	ALISHAUSKAS SI		2- 90 QUANTENTHED	16516
	10-1140 KERN-SPEKTR.	42560		8-2943 STERNE	94040	ALITTI J		11- 842 STARKE WW.	41740
G	7-1810 KRISTALLE	65545	ALESHINA TN	8-2911 PLANETEN	93640	ALIYAROVA ZA		3-1621 KRISTALLE	65518
K	1-1016 KERN-SPEKTR.	42510	ALESHONKOVA YA	8- 472 THERMODYN.	24510	ALKAN WJ		10-3130 BIOPHYSIK	96040
RW	2-1110 K-REAKTOREN	43515	ALESKOVSII YB	2-2579 DUENNE SCHI	74010	ALKEMADE CTJ		3-1441 PLASMA	57010
W	4-2356 HALBLEITER	71560	ALEVRA A	10-1309 KERNREAKTIO	43080			5- 50 UNTERRICHT	12035
	11- 754 ELEMENTART.	41576	ALEX V	6-1859 KRISTALLE	65516			5- 573 MASER, LASER	28055
WW	6-1845 KRISTALLE	65574	ALEXANDER G	5- 902 STARKE WW.	41740			5-2508 HALBLEITER	71590
				8- 981 STARKE WW.	41740	ALLAB D		11-1669 PLASMA	57023
BUEHLER G.				11- 841 STARKE WW.	41740			12-1553 ATOME	52065
	10-3124 BIOPHYSIK	96000		11- 888 STARKE WW.	41764	ALLABY JV		1- 877 STARKE WW.	41740
RG	8-1313 ATOME	52022		12-1122 STARKE WW.	41770			8- 910 ELEMENTART.	41576
CH	5- 941 STARKE WW.	41753	H	6-1957 KRIST.FEHL.	66035			9- 835 STARKE WW.	41740
DL	1-2103 MAGN.EIG.FK	69015		12-2328 MECH.EIG.FK	66545			12-1046 STARKE WW.	41740
JG	8-1712 GASE	58025	JB	9-2921 STERNE	94020	ALLAIN Y		2-2131 MAGN.EIG.FK	69050
LF	7- 86 LABORTECHN.	12580	JM	6-1013 KERNREAKTIO	43008			11-2469 MAGN.EIG.FK	69060
DE	2- 944 KERN-SPEKTR.	42540		10-1312 KERNREAKTIO	43085	ALLAM DS		7-2594 DUENNE SCHI	74020
	7-1055 KERN-SPEKTR.	42540	KF	10-1123 KERN-SPEKTR.	42555	ALLAMANDO E		2- 383 ELEKTRIZIT.	26060
	11-1050 KERN-SPEKTR.	42545	P	7-1122 KERN-SPEKTR.	42565	ALLAN DL		12-1245 KERN-SPEKTR.	42555
JAC	1- 940 STARKE WW.	41760	R	12-3304 GEOMAGNET.	90470			12-1267 KERN-SPEKTR.	42565
	4- 83 UNTERRICHT	12025	S	7-2137 MAGN.EIG.FK	69020	G		11-2501 MAGN.EIG.FK	69065
	8-1020 STARKE WW.	41760	SS	11-2347 MAGN.EIG.FK	69025	GAT		5-2242 MAGN.EIG.FK	69025
E	10- 345 MECHANIK	22050		1-2684	92040			8-2175 MAGN.EIG.FK	69025
AJ	3-1598 FLUESSIGK.	58573		1-2685 ERDKOERPER	90240			12-2535 MAGN.EIG.FK	69025
	5- 590 MASER, LASER	28060	TK	5-1051 KERN-SPEKTR.	42545			12-2537 MAGN.EIG.FK	69025
	11-1779 PLASMA	57206		7-1084 KERN-SPEKTR.	42545	HR		3-2780 KOSM.STRLG.	90646
	11-1797 PLASMA	57256		11-1067 KERN-SPEKTR.	42545			3-2782 KOSM.STRLG.	90646
E	6-1951 KRIST.FEHL.	66035	ALEXANDER JR. E.C.			RR		8-2752 LUFTHUELLE	90815
JW	11- 138 QUANTENTHED	16580		9- 957 KERN-SPEKTR.	42555	ALLARD C		12- 871 KERN-MESSG.	40584
L	1-2752 LUFTHUELLE	90890	RW	1-1954 GITTERDYN.	67020	JF		2- 789 STARKE WW.	41725
DA	8-1984 KRIST.FEHL.	66062		9-2440 FK-SPEKTREN	73330	JG		4-2526 OPT.EIG.FK	73655
A	6-2294 LEITFHGK.FK	70022		12-2901 FK-SPEKTREN	73330	K		10-2811 GRENZFL.FK	74535
B	4-1739 GASE	58010	ALEXANDROPOULOS N.G.			ALLARDYCE BW		7-1195 KERNREAKTIO	43054
BJ	9-1616 GASE	58010		4-1827 FLUESSIGK.	58573			11- 814 STARKE WW.	41735
	10-1848 FLUESSIGK.	58546		5-1905 KRISTALLE	65572	ALLAS RG		10- 810 BESCHLEUNIG	41040
JC	6-1054 KERNREAKTIO	43044	ALEXANDROV IV	12-2986 FK-SPEKTREN	73355	ALLAVENA M		2-1226 MOLEKUELE	52514
K	3- 904 KERN-SPEKTR.	42510	NA	4- 378 MECH.EIG.FK	66540			4-1474 MOLEKUELE	52534
	11-1012 KERN-SPEKTR.	42510	ALEXANDROWICZ Z.			ALLDRED JC		4- 518 ELEKTRIZIT.	26030
AT	9-2119 MAGN.EIG.FK	69040		3-1307 POLYMERE	53535	ALLDREDGE GP		8-2301 LEITFHGK.FK	70072
BK	7-1272 KERNSTRHLG.	44010		3-1308 POLYMERE	53535	LR		7-2698 GEOMAGNET.	90400
RE	10-2179 THERMEIG.FK	67520	ALEXANIAN M	9-1403 POLYMERE	53535	ALLEGRE J		11- 319 HYDRODYNAM.	23060
JP	5-1317 ATOME	52065		8-1293 KERNSTRHLG.	44035	ALLEMAND CD		9- 561 OPT.INSTRUM	28530
	6- 628 BESCHLEUNIG	41010		9- 203 QU.FELDTHEO	17040	ALLEN AO		10-1375 KERNSTRHLG.	44020
	11-1325 KERNREAKTIO	43080	ALEXE V	7- 387 WAERME	24026	BJ		3- 691 KERN-MESSG.	40535
4- 83 UNTERRICHT	12025			8- 454 WAERME	24030			10-1230 KERNREAKTIO	43046
9- 974 KERN-SPEKTR.	42560		ALEXEFF I	3-1406 PLASMA	57080	CA		7-1882 KRIST.FEHL.	66025
8- 808 KERN-MESSG.	40535			5-1593 PLASMA	57080	DD		5- 869 STARKE WW.	41710
9-1336 MOLEKUELE	52553			11-1748 PLASMA	57080	FG		2-1790 KRIST.FEHL.	66060
4-2554 DUENNE SCHI	74010			11-1803 PLASMA	57263			6-2727 GRENZFL.FK	74570
12-1058 STARKE WW.	41748		ALEXEYEV VL	8- 773 KERN-MESSG.	40535	GA		11-2731 HALBLEITER	71560
1-1273 KERNREAKTIO	43092			12- 823 KERN-MESSG.	40530	GW		6-1706 FLUESSIGK.	58510
2-2302 METAL.LEITG	71010		RR	9- 463 TEILCH.OPT.	27068	HA		12-3142 OPT.EIG.FK	73645
5-2442 METAL.LEITG	71010			3- 772 STARKE WW.	41700	JE		8-1051 STARKE WW.	41790
6-2394 METAL.LEITG	71010		ALFANO DE V	5- 855 STARKE WW.	41700			10-1011 STARKE WW.	41790
10- 628 OPT.INSTRUM	28526			12-2646 LEITFHGK.FK	70045	JL		10- 537 HF-TECHNIK	27540
3-1191 ATOME	52095		ALFERIEFF ME	1-2403 HALBLEITER	71570	JP		1-1062 KERN-SPEKTR.	42545
2-2468 FK-SPEKTREN	73350		ALFEROV ZI	1-2592 OPT.EIG.FK	73620	JW		1-2387 HALBLEITER	71563
2-2514 OPT.EIG.FK	73610			2-2612 DUENNE SCHI	74040			2-1644 KRISTALLE	65545
3-1966 THERMEIG.FK	67510			2-2613 DUENNE SCHI	74040			10-2569 FK-SPEKTREN	73325
7-2543 OPT.EIG.FK	73610			3-2436 OPT.EIG.FK	73635			11-2088 KRIST.FEHL.	66025
9-1905 MECH.EIG.FK	66514			11-3040 OPT.EIG.FK	73645			11-2264 THERMEIG.FK	67556
12-2339 MECH.EIG.FK	66514			12-2813 HALBLEITER	71570	KW		7-1135 KERN-SPEKTR.	42540
7-2485 FK-SPEKTREN	73355		ALFIERI GT	3-2085 MAGN.EIG.FK	69040	L		3- 523 MASER, LASER	28055
9-1743 KRISTALLE	65510		ALFIMENKOV VP	11-1222 KERNREAKTIO	43042			5- 579 MASER, LASER	28055
11-3188 GRENZFL.FK	74563		ALFONSO FAUS A	5-2905 SONNENPHYS.	93340			8- 568 MASER, LASER	28030
5-1529 PLASMA	57010			5-2919 PLANETEN	93695			8- 599 MASER, LASER	28055
10-1646 PLASMA	57010			10-2973 SONNENPHYS.	93340			12- 628 MASER, LASER	28055
11-1233 KERNREAKTIO	43048		ALFORD WJ	11-2992 FK-SPEKTREN	73380	LH		2-1071 KERNREAKTIO	43066
3- 762 ELEMENTART.	41574		ALFRED LCR	3-2035 FK-SPEKTREN	70074			3-1076 KERNREAKTIO	43066
				6-2353 LEITFHGK.FK	93326	LR		9-2829 ASTROPHYSIK	93020
			ALFVEN H	2-2834 SONNENPHYS.	93326			9-2923 STERNE	94020
				8-2815 MAGNETOSPH.	91200	NL		2-1518 GASE	58050
				9-2866 PLANETEN	93600	PS		9-2520 FK-SPEKTREN	73370
			ALI AW	5-1667 PLASMA	57273				

ALLEN - ANDERSON

ALLEN	RJ	11-3457	KOSM.PHYSIK	94560	ALTON	WJ	5-2089	GITTERDYN.	67060	AMMER	SA	1-1935	MECH.EIG.FK	94560
RV		6-2741	ERDKOERPER	90210	ALTSCHULER	MD	5-2896	SONNENPHYS.	93324			5-2106	GITTERDYN.	94560
SJ		10-1811	FLUESSIGK.	58520	ALTSCHULER	B	10-1900	DISP.SYST.	59530	AMOKRANE	A	2-1064	KERNREAKTIO	94560
		10-2304	MAGN.EIG.FK	69060		BL	6-372	TEILCH.OPT.	27068			7-1064	KERNSEKTR.	94560
		10-1418	ATOME	52040		LV	9-1945	MECH.EIG.FK	66514			11-1292	KERNREAKTIO	94560
ALLEN JR.	SJ	10-2270	MAGN.EIG.FK	69030			10-2090	MECH.EIG.FK	66514	AMON	M	7-602	OPT.INSTRUM	94560
ALLEN VAN	JA	3-2862	SONNENPHYS.	93340		SA	7-529	MASER,LASER	28035	AMOROS	JL	7-1799	KRISTALLE	94560
		7-2808	MAGNETOSPH.	91230			7-2462	FK-SPEKTREN	73350	AMOS	AT	1-1463	MOLEKUELE	94560
ALLER	LH	9-2968	KOSM.PHYSIK	94520			12-2987	FK-SPEKTREN	73355			6-1204	ATOME	94560
		11-3356	SONNENPHYS.	93310		TL	2-1829	MECH.EIG.FK	66514			11-983	KERNSTRUKT.	94560
ALLERSMA	T	6-1662	FLUESSIGK.	58530		TS	6-1669	FLUESSIGK.	58530			4-1249	KERNREAKTIO	94560
ALLES BORELLI	V.						8-1755	FLUESSIGK.	58530			11-1184	KERNREAKTIO	94560
		8-985	STARKE WW.	41745			3-1771	KRIST.FEHL.	66025			1-1929	MECH.EIG.FK	94560
ALLEY	CO	3-2798	LUFTHUELLE	90860	ALTSCHULLER	VM	9-1682	FLUESSIGK.	58546	AMREHN	H	8-105	MESSEN	94560
ALLEY JR.	CO	3-522	MASER,LASER	28055	ALTUG	I	2-2743	KOSM.STRLG.	90636	AMRHEIN	E	7-2110	DIELEKTRIKA	94560
ALLGAIER	RS	1-2306	HALBLEITER	71520	ALTUKHOV	AM	3-2764	KOSM.STRLG.	90633	AMSEL	G	12-2241	KRIST.FEHL.	94560
		2-1529	FLUESSIGK.	58520			3-2770	KOSM.STRLG.	90636	AMSTER	AB	3-391	THERMODYN.	94560
		5-2438	METAL.LEITG	71010			4-2702	KOSM.STRLG.	90630			1-1286	K-REAKTOREN	94560
		7-2242	LEITFHGK.FK	70065	ALTUNIN	VV	8-474	THERMODYN.	24520	AMSTISLAVSKII	Y.E.			94560
ALLIBONE	TE	4-10	BIOGRAPHIEN	10215	ALTY	JL	1-1244	KERNREAKTIO	43064			10-75	UNTERRICHT	94560
ALLIE	G	5-1928	KRISTALLE	65584	ALUKER	E	7-2566	OPT.EIG.FK	73650	AMSTUTZ	P	6-89	MATH.PHYSIK	94560
ALLIN	EJ	4-24	BIOGRAPHIEN	10230	ALVAEGER	T	10-1319	KERNREAKTIO	43092	AMUNDSEN	T	5-2452	HALBLEITER	94560
		7-2454	FK-SPEKTREN	73340	ALVAEREZ	DG	5-2114	THERMEIG.FK	67510			9-2649	DUENNE SCHI	94560
ALLINGER	JE	9-701	BESCHLEUNIG	41020	ALVES	MAF	5-731	KERN-MESSG.	40518	AMUSIA	MY	12-327	STATISTIK	94560
	NL	9-1251	MOLEKUELE	52516			7-752	KERN-MESSG.	40518	AMY.	J	11-1691	PLASMA	94560
ALLINSON	DL	8-530	TEILCH.OPT.	27040			12-784	KERN-MESSG.	40518	AN	S	8-1254	K-REAKTOREN	94560
ALLIOT	C	10-1545	MOLEKUELE	52538	ALWIS DE	SP	5-938	STARKE WW.	41753			8-1265	K-REAKTOREN	94560
ALLISON	AC	5-1483	FLUESSIGK.	58576			10-952	STARKE WW.	41753			9-1103	K-REAKTOREN	94560
	DCS	11-1926	FLUESSIGK.	58550	ALWYN	S	1-1146	KERNSEKTR.	42570					94560
	HW	1-2312	HALBLEITER	71520	ALY	HH	5-187	QUANTENTHEO	16582	ANAGNOSTOPOULOU	KONSTA			94560
		6-1896	KRIST.FEHL.	66025			8-1034	STARKE WW.	41764			11-3107	DUENNE SCHI	94560
	J	8-968	STARKE WW.	41730			11-882	STARKE WW.	41764	ANAND	KC	9-2743	KOSM.STRLG.	94560
	11	902	STARKE WW.	41775			12-936	ELEMENTART.	41546			12-3466	KOSM.PHYSIK	94560
	SW	6-1387	POLYMERE	53542	ALYAMOVSKII	VM	2-485	MASER,LASER	28050	ANANEV	YA	10-575	MASER,LASER	94560
	WMM	4-946	STARKE WW.	41730	ALYBAKOV	AA	10-2071	KRIST.FEHL.	66070	ANANTHA	NG	6-1728	FLUESSIGK.	94560
		6-818	STARKE WW.	41764	ALYEA JR.	ED	4-949	STARKE WW.	41735	ANANTHAKRISHNAN	S.			94560
		8-968	STARKE WW.	41730	ALZETTA	G	6-2168	FK-SPEKTREN	73355			8-2865	SONNENPHYS.	94560
ALLKOEFER	OC	2-2736	KOSM.STRLG.	90600			7-2560	OPT.EIG.FK	73645					94560
		4-2710	KOSM.STRLG.	90640			9-1329	MOLEKUELE	52547			7-993	STARKE WW.	94560
		10-2911	LUFTHUELLE	90890			9-1330	MOLEKUELE	52547			12-1138	STARKE WW.	94560
ALLNATT	AR	3-1767	KRIST.FEHL.	66025	ALZHEIMER	WE	10-407	AKUSTIK	23530			12-1140	STARKE WW.	94560
		6-2488	THERMOELEKT	72010	AMADO	RD	2-141	QUANTENTHEO	16588			11-2895	FK-SPEKTREN	94560
		8-1838	KRISTALLE	65510			11-943	KERNSTRUKT.	42010	ANASHKIN	GA	8-1703	GASENTLADG.	94560
		10-263	STATISTIK	17526	AMAGISHI	Y	2-1407	PLASMA	57085			10-1769	GASENTLADG.	94560
ALLOU JR.	AL	8-1509	POLYMERE	53530	AMAI	S	10-1198	KERNREAKTIO	43018			2-1870	MECH.EIG.FK	94560
ALLOUCHE	D	3-722	ELEMENTART.	41510	AMALDI	E	1-16	BIOGRAPHIEN	10216	ANASKIN	TN	6-359	TEILCH.OPT.	94560
		9-1438	PLASMA	57015			9-13	BIOGRAPHIEN	10230			7-461	TEILCH.OPT.	94560
ALLOUCHERIE YJ		4-1672	PLASMA	57070	AMALDI JR.	U	1-1197	KERNREAKTIO	43034			12-2295	KRIST.FEHL.	94560
ALLOUL	H	6-2172	FK-SPEKTREN	73370			2-817	STARKE WW.	41740	ANASTASIO	TA	1-2616	DUENNE SCHI	94560
		6-2182	FK-SPEKTREN	73370			11-1214	KERNREAKTIO	43034			5-2703	DUENNE SCHI	94560
		12-3058	FK-SPEKTREN	73370	AMAND	T	6-1519	PLASMA	57093	ANATYCHUK	LI	10-2224	DIELEKTRIKA	94560
ALLPRESS	JG	11-2039	KRISTALLE	65584	AMAREL	I	4-826	KERN-MESSG.	40570	ANCEY MORET MF		4-494	THERMODYN.	94560
ALLRED	CM	12-2515	MAGN.EIG.FK	69010			10-1125	KERNSEKTR.	42555	ANCKER JOHNSTON B.				94560
	W	1-2458	FK-SPEKTREN	73320	AMARIGLIO	H	11-3161	GRENZFL.FK	74530			1-2418	HALBLEITER	94560
		9-1850	KRIST.FEHL.	66025	AMARIGLIO	G	2-1248	MOLEKUELE	52530			3-2245	LEITFHGK.FK	94560
ALLUM	FR	3-2839	MAGNETOSPH.	91226		D	5-860	STARKE WW.	41700			7-498	HF-TECHNIK	94560
ALM	T	4-1186	KERNREAKTIO	43010			11-746	ELEMENTART.	41574			8-2286	LEITFHGK.FK	94560
ALMASI	GS	8-2370	HALBLEITER	71510			11-747	ELEMENTART.	41574			8-2286	LEITFHGK.FK	94560
ALMAZOV	AB	10-338	MECHANIK	22020			12-977	ELEMENTART.	41580			10-2600	FK-SPEKTREN	94560
	IA	1-65	LABORTECHN.	12500	AMATO	I	8-1269	K-REAKTOREN	43530	ANCONA	C	3-2831	IONOSPHERE	94560
ALMEIDA	SP	3-863	STARKE WW.	41767			12-2208	KRISTALLE	65588	ANCIIL	RE	1-2747	LUFTHUELLE	94560
ALMEIDA DE FFM		1-2680	ERDKOERPER	90210		JJ	7-1482	MOLEKUELE	52590	ANDANSON	P	2-938	KERNSEKTR.	94560
ALMEN	O	7-1145	KERNREAKTIO	43000		N	8-1049	STARKE WW.	41783	ANDEL VAN	WHW	11-1428	ATOME	94560
ALMQVIST	E	4-1097	KERNSEKTR.	42545	AMBADY	GK	12-2166	KRISTALLE	65572	ANDERMANN	G	5-2590	FK-SPEKTREN	94560
	L	5-2069	GITTERDYN.	67020	AMBARTSUMIAN R.V.							9-1301	MOLEKUELE	94560
		5-2070	GITTERDYN.	67020		YA	10-554	MASER,LASER	28030			11-2871	FK-SPEKTREN	94560
ALMSTROEM	H	6-2303	LEITFHGK.FK	70024		VA	12-3380	ASTROPHYSIK	93000	ANDERS	E	6-2896	PLANETEN	94560
		5-164	QUANTENTHEO	16530			2-460	MASER,LASER	28030			2-2055	FK-SPEKTREN	94560
		6-113	QUANTENTHEO	16530			12-633	MASER,LASER	28055	ANDERSEN	AL	7-1828	KRISTALLE	94560
		10-183	QUANTENTHEO	16530		VA	1-2821	STERNE	94050			12-673	OPT.INSTRUM	94560
		12-238	QUANTENTHEO	16575	AMBEGAOKAR	V	1-2258	SUPRALEITG.	70520			10-1048	KERNSTRUKT.	94560
ALON	Y	5-526	HF-TECHNIK	27560			7-31	TAGUNGEN	10530			2-1160	ATOME	94560
ALONSO	M	12-77	BUECHER	11010			7-2253	SUPRALEITG.	70510			11-393	TEILCH.OPT.	94560
ALPER	T	5-434	THERMODYN.	24530	AMBERGER	RW	8-2662	DUENNE SCHI	74060			4-185	QUANTENTHEO	94560
		7-1982	MECH.EIG.FK	66514	AMBRIDGE	T	1-98	VAKUUM	13025			12-306	STATISTIK	94560
ALPERIN	HA	11-2219	GITTERDYN.	67060	AMBROSE	D	9-405	THERMODYN.	24533			3-1794	KRIST.FEHL.	94560
		4-2183	MAGN.EIG.FK	69060	AMBROSINO	G	2-722	DISP.SYST.	59510			11-2104	KRIST.FEHL.	94560
		10-2277	MAGN.EIG.FK	69030			10-1128	KERNSEKTR.	42555			1-1587	PLASMA	94560
		11-2321	MAGN.EIG.FK	69010			12-2086	DISP.SYST.	59510			12-1765	PLASMA	94560
ALPEROVICH LI		8-730	PHYS.OPTIK	29055	AMBROSIOUS OLESEN P.							11-411	HF-TECHNIK	94560
ALPERT	D	4-1724	GASENTLADG.	57815			11-2126	KRIST.FEHL.	66062			11-1380	KERNSTRHLG.	94560
	JL	5-2860	IONOSPHERE	91076	AMBRY	C	1-1377	ATOME	52030			11-2032	KRISTALLE	94560
	Y	3-2544	OPT.EIG.FK	73610	AMDUR	I	3-1282	MOLEKUELE	52575			12-1453	KERNSTRHLG.	94560
	YL	1-2771	MAGNETOSPH.	91226			11-1585	MOLEKUELE	52575	OK		10-2363	LEITFHGK.FK	94560
		3-2849	MAGNETOSPH.	91280	AMELINCKX	S	2-1679	KRISTALLE	65574			2-1635	KRISTALLE	94560
ALPHEN VAN WM		1-1747	FLUESSIGK.	58527			2-1971	DIELEKTRIKA	68030			11-1369	KERNSTRHLG.	94560
		2-1540	FLUESSIGK.	58527			3-1731	KRIST.FEHL.	66010			2-1867	MECH.EIG.FK	94560
ALPHER	RA	9-3003	KOSM.PHYSIK	94580			8-1888	KRISTALLE	65574			11-1148	KERNSEKTR.	94560
ALPHURSE	GA	7-2256	SUPRALEITG.	70510			9-1798	KRISTALLE	65574			12-828	KERN-MESSG.	94560
ALS NIELSEN J		4-2140	MAGN.EIG.FK	69010	AMEMIYA	A	9-1800	KRISTALLE	65574	ANDERSON	WHJ	6-357	TEILCH.OPT.	94560
		5-2276	MAGN.EIG.FK	69060			10-1619	POLYMERE	53535			4-1867	KRISTALLE	94560
		11-2319	MAGN.EIG.FK	69010			6-517	PHYS.OPTIK	29040			7-1703	FLUESSIGK.	94560
ALSMILLER JR. R.G.							5-1046	KERNSEKTR.	42545			8-2089	THERMEIG.FK	94560
		4-935	STARKE WW.	41720			3-994	KERNSEKTR.	42575			8-2341	SUPRALEITG.	94560
ALSTER	J	11-625	KERN-MESSG.	40582	AMIN	JP	9-2003	THERMEIG.FK	67510			11-53	LABORTECHN.	94560
ALSTON GARNJOST M.		4-1154	KERNSEKTR.	42570	AMINGUAL	LK	12-2317	KRIST.FEHL.	66070			8-598	MASER,LASER	94560
							6-1824	KRISTALLE	65545			8-2880		

ANDERSON	EE	10-2242	MAGN.EIG.FK	69020	ANDREEFF	A	3-1041	KERNREAKTIO	43048	ANGEL	BR	9-2487	FK-SPEKTREN	73355
	EK	1-1362	ATOME	52040		Q	8-1167	KERNSPEKTR	42565		JRP	3-1163	ATOME	52085
	EM	1-1362	ATOME	52040	ANDREEN	CJ	2-1743	KRIST.FEHL.	66060			6-1194	ATOME	52035
		3-1137	ATOME	52040			11-2126	KRIST.FEHL.	66062		Y	12-2073	FLUESSIGK.	58573
		5-1272	ATOME	52040	ANDREESCU	I	1- 862	STARKE WW.	41725	ANGELEIKO	VV	5-1609	PLASMA	57075
	EW	1- 966	STARKE WW.	41783			7- 916	STARKE WW.	41725			9-1497	PLASMA	57070
		1- 967	STARKE WW.	41783		N	2-2258	LEITFHGK.FK	70090	ANGELIS DE	A	4-1693	PLASMA	57206
	F	12-1924	BASE	58025			5-1940	KRIST.FEHL.	66010	ANGELL	CA	4- 385	HYDRODYNAM.	23015
	GA	7-2731	LUFTHUELLE	90810	ANDREEV	AA	2-2211	LEITFHGK.FK	70028	ANGELO	P	8-2546	FK-SPEKTREN	73360
	GR	9-2396	FK-SPEKTREN	73325			5-2344	LEITFHGK.FK	70028	ANGELOV	NS	11- 801	STARKE WW.	41725
	GW	12-1969	FLUESSIGK.	58530		AF	8-2327	SUPRALEITG.	70520	ANGELOVA	LA	9-2608	OPT.EIG.FK	73645
	H	1-2583	OPT.EIG.FK	73640		DS	11-1079	KERNSPEKTR.	42550			12-3134	OPT.EIG.FK	73640
	HL	4-1378	ATOME	52050			11-1121	KERNSPEKTR.	42560	ANGER	CD	2-2735	GEOMAGNET.	90470
	HR	11-3254	KOSM.STRLG.	90633		GA	2-1612	KRISTALLE	65510	ANGERAMI	JJ	7-2804	MAGNETOSPH.	91226
	J	6-2708	GRENZFL.FK	74535			2-1614	KRISTALLE	65510	ANGERER	J	12-2025	FLUESSIGK.	58557
		8-2677	GRENZFL.FK	74530			2-1749	KRIST.FEHL.	66025	ANGERT	N	5-1473	ATOME	52085
	JA	11- 781	STARKE WW.	41725			2-1750	KRIST.FEHL.	66025			12-1675	MOLEKUELE	52575
	JC	11-3093	DUENNE SCHI	74040		GB	5-1036	KERNSPEKTR.	42525	ANGHEL	C	3-2166	MAGN.EIG.FK	69070
	JD	3-1043	KERNREAKTIO	43054			9-2788	LUFTHUELLE	90890			3-2180	MAGN.EIG.FK	69080
		6-1065	KERNREAKTIO	43054		IV	4- 756	PHYS.OPTIK	29053			7-2611	DUENNE SCHI	74050
	JE	1-1709	GASENTLADG.	57860			8- 926	STARKE WW.	41700	ANGLIN	FM	10-2840	ERDKOERPER	90240
		3- 467	HF-TECHNIK	27560			11- 912	STARKE WW.	41780	ANGOT	A	4- 37	TAGUNGEN	10535
		8-1723	FLUESSIGK.	58520		MF	12- 773	KERN-MESSG.	40505	ANGRIST	SW	7- 18	BIOGRAPHIEM	10220
		11-1844	GASE	58010			12-1340	KERNREAKTIO	43044	ANGSTMANN	R	2-2003	FK-SPEKTREN	73345
	JG	12-2676	METAL.LEITG	71010		NS	3-1564	FLUESSIGK.	58530	ANGUS	JC	12-2085	DISP.SYST.	59510
	JHD	6-1446	PLASMA	57050		OM	7- 78	LABORTECHN.	12530	ANH	NT	5-1441	MOLEKUELE	52524
	JL	3- 276	FELDTHEORIE	18060		SI	8-1701	GASENTLADG.	57870			5-1442	MOLEKUELE	52524
	JM	10- 467	ELEKTRIZIT.	26012			8-1702	GASENTLADG.	57880			8-1415	MOLEKUELE	52524
	JR	1-2090	FK-SPEKTREN	73360		VM	12-2813	HALBLEITER	71570	ANICIN	BA	9-1583	GASENTLADG.	57840
		2-2205	LEITFHGK.FK	70026		YA	4-1943	KRIST.FEHL.	66062			12-1791	PLASMA	57075
		8-2255	LEITFHGK.FK	70024			6-1002	KERNSPEKTR.	42570	ANIKEYEV	YG	1- 566	MASER,LASER	28045
		12-2618	LEITFHGK.FK	70024			11-1100	KERNSPEKTR.	42555	ANIKIN	AV	1-2455	FK-SPEKTREN	73315
JS		6-1938	KRIST.FEHL.	66035	ANDREEVA	R	10- 737	KERN-MESSG.	40530	ANIKINA	LI	6-2621	OPT.EIG.FK	73670
JT		4- 305	STATISTIK	17560		TV	9- 428	ELEKTRIZIT.	26040	ANIMALU	AOE	4-1989	MECH.EIG.FK	66545
		7- 241	STATISTIK	17560	ANDRES	K	8-2314	SUPRALEITG.	70540			5-2312	LEITFHGK.FK	70020
K		12- 550	TEILCH.OPT.	27030			8-2315	SUPRALEITG.	70540			5-2331	METAL.LEITG	71000
KA		1-2798	SONNENPHYS.	93340			8-2345	SUPRALEITG.	70550			9-1700	FLUESSIGK.	58565
		9-2721	GEOMAGNET.	90440			10-2433	SUPRALEITG.	70530	ANINAT	G	5- 556	MASER,LASER	28040
		11-3349	MAGNETOSPH.	91270			12-2433	THERMEIG.FK	67530	ANISHCHENKO	RI	6-2407	HALBLEITER	71500
		11-3351	MAGNETOSPH.	91280		RP	3-1262	MOLEKUELE	52575			12-2114	KRISTALLE	65530
LH		1-2430	PHOTOLEITG.	72510	ANDRESEN	AF	7-2177	MAGN.EIG.FK	69060	ANISIMOV	AI	2-1467	PLASMA	57266
LW		5-2163	FK-SPEKTREN	73370		HG	10- 551	MASER,LASER	28020		SI	3-1324	PLASMA	57010
		10- 772	BESCHLEUNIG	41010		RD	4-2710	KOSM.STRLG.	90640			9- 542	MASER,LASER	28060
M		10- 791	BESCHLEUNIG	41020	ANDREU	P	6- 224	MECHANIK	22034			9-1448	PLASMA	57030
N		1- 502	TEILCH.OPT.	27010	ANDREW	AL	4-2860	STERNE	94050	ANISIMOVA	OS	7-1432	MOLEKUELE	52538
		5- 741	KERN-MESSG.	40532		BH	1-2830	KOSM.PHYSIK	94520	ANISOVICH	VV	2- 129	QUANTENTHEO	16578
		7-1535	PLASMA	57050			12-3472	KOSM.PHYSIK	94550			2- 757	ELEMENTART.	41586
		12- 303	STATISTIK	17520		ER	1-2046	FK-SPEKTREN	73370			5- 810	ELEMENTART.	41546
		12-1735	PLASMA	57015			2-2057	FK-SPEKTREN	73360	ANISSIMOV	V	2-1341	POLYMERE	53546
OL		2-1857	MECH.EIG.FK	66550			12-3051	FK-SPEKTREN	73370	ANISIMOV	AT	2-2514	OPT.EIG.FK	73610
		2-2838	PLANETEN	93610		JF	3-1983	THERMEIG.FK	67520			7-2543	OPT.EIG.FK	73610
PW		1-2273	SUPRALEITG.	70520		KL	1-1352	ATOME	52024	ANKETELL	J	4-1495	MOLEKUELE	52524
		8-2149	MAGN.EIG.FK	69000			5- 624	OPT.INSTRUM	28545		S	4-1516	MOLEKUELE	52560
		8-2304	LEITFHGK.FK	70074	ANDREWS	CF	7-2855	SONNENPHYS.	93328	ANWAKA		2-2559	OPT.EIG.FK	73635
R		9-1256	MOLEKUELE	52512		FC	8- 302	STATISTIK	17540			12-2177	KRISTALLE	65572
RA		7-1079	KERNSPEKTR.	42545		GF	8-303	STATISTIK	17540	ANNEXSTAD	JO	9-2732	GEOMAGNET.	90450
		10-1721	PLASMA	57093		HC	8- 702	PHYS.OPTIK	29030	ANNINOS	P	12-1055	STARKE WW.	41745
RJ		1-1985	THERMEIG.FK	67510		HR	7-1803	KRISTALLE	65540	ANNIS	AD	11-2479	MAGN.EIG.FK	69060
		4-1413	ATOME	52070			12-1255	KERNSPEKTR.	42560	ANNO	T	11-1488	MOLEKUELE	52510
RL		8- 184	QUANTENTHEO	16516		JR	8-2013	KRIST.FEHL.	66076	ANNOI	H	5- 928	STARKE WW.	41730
		8- 185	QUANTENTHEO	16516		JW	7- 907	STARKE WW.	41725			6- 702	ELEMENTART.	41546
		8- 751	KERN-MESSG.	40505		L	7-1304	ATOME	52024	ANOKHIN	SB	5- 244	STATISTIK	17563
		10- 877	ELEMENTART.	41576			8-1433	MOLEKUELE	52538			5-2306	LEITFHGK.FK	70010
RM		11-3111	DUENNE SCHI	74050			9-2430	FK-SPEKTREN	73330			8-2285	LEITFHGK.FK	70053
RS		7-2417	FK-SPEKTREN	73325			12-2902	FK-SPEKTREN	73330			12-328	STATISTIK	17563
RV		2-1818	MECH.EIG.FK	66500			12-2903	FK-SPEKTREN	73330	VP		2- 686	BESCHLEUNIG	41040
		10-2883	LUFTHUELLE	90810		MK	1-2763	IONOSPHER.	91045	IN		10-2072	KRIST.FEHL.	66070
		10-2909	LUFTHUELLE	90880		PT	8-1217	KERNREAKTIO	43054			10-2094	MECH.EIG.FK	68516
TP		1- 385	HYDRODYNAM.	23070		RD	6-1387	POLYMERE	53542	ANGLIK	MY	4- 707	PHYS.OPTIK	29010
		1-1641	PLASMA	57090			6-1397	POLYMERE	53542	ANOSOVA	IP	8- 339	MECHANIK	22010
VE		4-1431	MOLEKUELE	52510			11-1636	POLYMERE	53546	ANQUETIL	MC	2-1948	THERMEIG.FK	67553
WL		10- 685	PHYS.OPTIK	29020	ANDREWS II JB		10-1359	K-REAKTOREN	43515	ANSARI	SMR	10- 140	QUANTENTHEO	16516
ANDERSON JR. J.D.		6- 274	HYDRODYNAM.	23060	ANDREWS JR. JM		1-1966	GITTERDYN.	67060			10- 141	QUANTENTHEO	16516
		4-2089	FK-SPEKTREN	73370	ANDREYESHCHV E.A.		9-2586	OPT.EIG.FK	73650	ANSELL	GS	7-2122	DIELEKTRIKA	68030
ANDERSON I		4-1143	KERNSPEKTR.	42565			12-2873	FK-SPEKTREN	73320	ANSELM	AA	4- 246	QUANTENTHEO	16582
		9- 660	KERN-MESSG.	40532	ANDREYEV	AF	5-2428	SUPRALEITG.	70550			4- 247	QUANTENTHEO	16582
J		8-1768	FLUESSIGK.	58565			6-2362	SUPRALEITG.	70510			4- 248	QUANTENTHEO	16582
		8-1769	FLUESSIGK.	58546		NS	6- 535	PHYS.OPTIK	29066			7- 992	STARKE WW.	41780
LO		1-1503	FK-SPEKTREN	73370			11-1492	MOLEKUELE	52510			10- 223	QUANTENTHEO	16578
		10-2659	FK-SPEKTREN	73370		SI	6- 428	MASER,LASER	28055	AI		2-2369	HALBLEITER	71550
O		12-3073	FK-SPEKTREN	73370			8- 620	OPT.INSTRUM	28513	L		11-1348	K-REAKTOREN	43510
ANDERSON LINDSTROM G.		7-1040	KERNSPEKTR.	42500			12- 662	OPT.INSTRUM	28516	ANSHAKOV	AS	9-1553	PLASMA	57250
		3- 555	OPT.INSTRUM	28523	ANDREYEVA	TL	11- 183	STATISTIK	17523	ANTCLIFFE	GA	1-2327	HALBLEITER	71520
ANDERTON	H	11-2828	FK-SPEKTREN	73310	ANDREYCHIN R.		2-2464	FK-SPEKTREN	73325			9- 371	WAERME	24030
	E	4-2354	HALBLEITER	71540	ANDRIAMBOLOLONA					ANTELL	GR	7-2114	DIELEKTRIKA	68020
	K	6-1202	ATOME	52045			10- 840	ELEMENTART.	41546			8-2418	HALBLEITER	71570
		6-2645	DUENNE SCHI	74010	ANDRIANOV	DG	11-2681	HALBLEITER	71520	ANTHONY	AM	1-1810	KRISTALLE	65518
		6-2667	DUENNE SCHI	74040		VV	8-2344	SUPRALEITG.	70550			1-1993	THERMEIG.FK	67520
		12-1533	ATOME	52045		YG	9-2772	LUFTHUELLE	90850			1- 68	LABORTECHN.	12510
KJ		1-2142	MAGN.EIG.FK	69050	ANDRIENKO	MI	7- 92	LABORTECHN.	12580			6-2290	LEITFHGK.FK	70020
		9-1766	KRISTALLE	65545	ANDRIESSE	CD	10- 92	LABORTECHN.	12515	LS		4- 99	UNTERRICHT	12040
S		5- 322	HYDRODYNAM.	23020			12-1943	FLUESSIGK.	58520	TR		2-1746	KRIST.FEHL.	66025
GRADE	O	1- 586	MASER,LASER	28055	ANDRIESEN J		11-2000	KRISTALLE	65545	ANTICLIFFE	GA	2-2203	LEITFHGK.FK	70026
		3- 529	MASER,LASER	28055	ANDRIEVSII RA		12-2210	KRISTALLE	65588	ANTIPIENKO	MY	5- 772	KERN-MESSG.	40584
		5- 576	MASER,LASER	28055	ANDRIEVSII AI		7-1987	MECH.EIG.FK	66514	ANTIPIENKOVA	GM	11-1578	MOLEKUELE	52570
GRADE DA C. E.N.		9-1943	MECH.EIG.FK	66545	ANDRILLAT Y		5-2929	STERNE	94050	ANTIPIV	AA	2-1752	KR	

ANTONCIK E	9-2349	PHOTOLEITG.	72500	ARAI T	3-1899	THERMEIG.FK	67520	ARIMONDO E	6-2167	FK-SPEKTREN	6-2168	FK-SPEKTREN
ANTONENKO TI	9-1678	FLUESSIGK.	58543		4-2206	LEITFHGK.FK	70020		9-1329	MOLEKUELE	9-1330	MOLEKUELE
	10-1844	FLUESSIGK.	58540	ARAIN I	11-2106	KRIST.FEHL.	66035	ARING K	1-1991	THERMEIG.FK	1-689	PHYS.OPTIK
ANTONESC V	3-552	OPT.INSTRUM	28510	ARAJ S	2-2113	MAGN.EIG.FK	69040	ARINSTEIN EA	12-316	STATISTIK	12-321	STATISTIK
ANTONIEG L	12-3306	KOSH.STRLG.	90630		2-2158	MAGN.EIG.FK	69065		1-689	PHYS.OPTIK	1-689	PHYS.OPTIK
ANTONIEWICZ PR	1-2234	LEITFHGK.FK	70070		3-2158	MAGN.EIG.FK	69065		1-2553	OPT.EIG.FK	5-1834	FLUESSIGK.
ANTONINI B	3-2122	MAGN.EIG.FK	69040		6-2269	MAGN.EIG.FK	69050	ARISTOV MM	12-3093	FK-SPEKTREN	3-2675	GRENZFL.FK
ANTONIOW JF	9-2683	GRENZFL.FK	74535		6-2402	METAL.LEITG	71010	ARIVY SM	8-2384	HALBLEITER	1-2542	OPT.EIG.FK
ANTONIOW NG	5-380	WAERME	24040		6-2431	HALBLEITER	71530	ARIZUMI T	1-1978	GITTERDYN.	1-2413	HALBLEITER
	2-754	ELEMENTART.	41580	ARAKAKI L	8-2364	METAL.LEITG	71010		1-2413	HALBLEITER	2-2365	HALBLEITER
	2-770	STARKE WW.	41710	ARAKAWA ET	11-2657	METAL.LEITG	71010		2-2400	HALBLEITER	6-2550	FK-SPEKTREN
	4-928	STARKE WW.	41710		6-2840	IONOSPHERE	91074		8-2420	HALBLEITER	12-3202	DUENNE SCHI
	10-869	ELEMENTART.	41572		3-2686	GRENZFL.FK	74520		4-814	KERN-MESSG.	6-605	KERN-MESSG.
	10-884	STARKE WW.	41710		5-2734	DUENNE SCHI	74960		2-2407	HALBLEITER	4-2457	FK-SPEKTREN
ANTONOV AA	8-475	THERMODYN.	24520		5-2781	GRENZFL.FK	74570		11-2885	FK-SPEKTREN	4-1922	KRIST.FEHL.
AV	9-2567	OPT.EIG.FK	73610	ARAKELIAN NA	8-2463	FK-SPEKTREN	73320		8-2972	KOSH.PHYSIK	9-1863	KRIST.FEHL.
NY	3-2587	OPT.EIG.FK	73645	VS	9-591	OPT.INSTRUM	28595		1-271	FELDTHEORIE	10-1851	FLUESSIGK.
PI	2-1830	MECH.EIG.FK	66514		8-2445	FK-SPEKTREN	73300		8-88	UNTERRICHT	10-2222	DIELEKTRIKA
ANTONOVA IM	2-2208	LEITFHGK.FK	70022	ARAKI G	8-2672	GRENZFL.FK	74520		12-674	OPT.INSTRUM	2-2650	GRENZFL.FK
LA	4-2754	IONOSPHERE	91020		5-1384	MOLEKUELE	52516		2-2650	GRENZFL.FK	5-2758	GRENZFL.FK
LG	3-2678	GRENZFL.FK	74535		5-1385	MOLEKUELE	52516		9-2674	GRENZFL.FK	7-568	MASER, LASER
NN	2-2302	METAL.LEITG	71010	ARAKI H	7-2310	HALBLEITER	71510		1-752	KERN-MESSG.	3-902	KERN-SPEKTREN
ANTONOWICZ K	1-2079	FK-SPEKTREN	73355	ARAMAKI S	7-2561	OPT.EIG.FK	73645		1-955	STARKE WW.	10-919	STARKE WW.
ANTONY SPIES P	10-1208	KERNREAKTIO	43030	ARAMS FR	12-241	QUANTENTHEO	16575		10-982	STARKE WW.	11-827	STARKE WW.
ANTONYUK AA	10-521	TEILCH.OPT.	27068	ARAMU F	5-1425	PLASMA	57093		7-312	HYDRODYNAM.	10-2052	KRIST.FEHL.
ANTROPOV AE	6-941	KERN-SPEKT.	42545	ARANOFF S	4-1876	FK-SPEKTREN	73310		7-1005	KERNSTRUKT.	7-1005	KERNSTRUKT.
ET	11-1271	KERNREAKTIO	43054		6-116	QUANTENTHEO	16533		4-1504	MOLEKUELE	5-1379	MOLEKUELE
ANTSIFEROV VV	10-592	MASER, LASER	28055		11-100	QUANTENTHEO	16530		12-1916	GASE	3-435	HF-TECHNIK
	7-545	MASER, LASER	28045	ARANOVICH RM	4-2405	PHOTOLEITG.	72510		11-2881	KERNREAKTIO	12-1375	KERNREAKTIO
	10-584	MASER, LASER	28045	ARANOW RH	11-269	HYDRODYNAM.	23000		10-2906	LUFTHUELLE	7-534	MASER, LASER
ANTTILA A	1-1232	KERNREAKTIO	43054		4-421	HYDRODYNAM.	23050		12-1932	THERMEIG.FK	3-1684	KRISTALLE
R	12-1630	MOLEKUELE	52538	ARAPOV BA	8-2023	KRIST.FEHL.	66076		4-1811	FLUESSIGK.	4-2099	FK-SPEKTREN
ANTUFEV YP	3-1015	KERNREAKTIO	43024	YG	11-2701	HALBLEITER	71530		8-95	UNTERRICHT	9-1335	MOLEKUELE
ANTULA J	3-2004	DIELEKTRIKA	68020	NK	10-1124	KERN-SPEKT.	42555		10-1565	MOLEKUELE	10-1778	GASE
	3-2689	GRENZFL.FK	74573	ASASLI DG	3-1979	THERMEIG.FK	67520		5-2031	MECH.EIG.FK	7-1545	PLASMA
	9-2319	HALBLEITER	71570	ARATA H	10-2041	KRIST.FEHL.	66035		3-2862	SONNENPHYS.	4-1594	PLASMA
	9-2320	HALBLEITER	71570	ARAUJO WF	12-715	OPT.INSTRUM	28586		7-2816	MAGNETOSPH.	1-1089	KERN-SPEKTREN
ANTYPAS GA	12-3258	GRENZFL.FK	74560	ARAB F	2-848	STARKE WW.	41755		9-1107	KERN-SPEKT.	4-1107	KERN-SPEKT.
ANUFRIENKO YF	4-2122	FK-SPEKTREN	73355	ARAB W	7-934	STARKE WW.	41740		7-1145	KERNREAKTIO	6-2932	STERNE
ANYAS WEISS N	4-1096	KERN-SPEKT.	42545	ARBRING W	1-1	ALLGEMEINES	10000		9-1582	GASENTLADG.	3-2606	DUENNE SCHI
	8-1128	KERN-SPEKT.	42545	ARBUZOV BA	10-247	QU.FELDTHEO	17020		10-90	LABORTECHN.	3-2155	MAGN.EIG.FK
	12-1354	KERNREAKTIO	43054	ARBUZOVA VA	6-1295	MOLEKUELE	52538		3-1259	MOLEKUELE	9-2756	LUFTHUELLE
ANZAI S	10-2121	MECH.EIG.FK	66553	ARCANGELI R	12-766	KERN-MESSG.	43050		2-2694	ERDKOERPER	4-2661	ERDKOERPER
ANZON ZV	6-785	STARKE WW.	41735	ARCHBOLD E	8-408	HYDRODYNAM.	23070					
AOE H	4-2567	DUENNE SCHI	74020	ARCHER NP	1-1072	KERN-SPEKT.	42545					
AOKI H	4-2333	HALBLEITER	71520		3-959	KERN-SPEKT.	42560					
K	5-1602	ATOME	52080		5-1138	KERNREAKTIO	43044					
M	1-2085	FK-SPEKTREN	73355	ARCURI C	9-973	KERN-SPEKT.	42560					
N	10-2030	KRIST.FEHL.	66025	ARELL AJ	1-1759	FLUESSIGK.	58540					
T	6-2374	SUPRALEITG.	70530	ARDILL RWB	2-1714	KRISTALLE	65588					
	2-2365	HALBLEITER	71540		11-645	BESCHLEUNIG	41010					
	6-2550	FK-SPEKTREN	73355	ARDISSEON G	2-1128	KERNSTRHLG.	44010					
Y	7-2299	METAL.LEITG	71010		11-1888	FLUESSIGK.	58520					
	5-651	OPT.INSTRUM	28570	ARDILL RWB	9-1189	ATOME	52030					
	11-525	OPT.INSTRUM	28570		11-1422	ATOME	52030					
AONO O	10-1629	POLYMERE	53544		11-1602	MOLEKUELE	52580					
	12-1743	PLASMA	57026	ARDISSON G	5-1102	KERN-SPEKT.	42570					
AQYAGI K	1-2125	FK-SPEKTREN	73325		6-1001	KERN-SPEKT.	42570					
	1-2526	OPT.EIG.FK	73610	ARDITI M	4-1231	KERNREAKTIO	43050					
APANASENKO AV	6-855	STARKE WW.	41783		10-1272	KERNREAKTIO	43056					
	11-919	STARKE WW.	41783	ARDIZZONE L	8-1269	K-REAKTOREN	43530					
	11-920	STARKE WW.	41783		12-2208	KRISTALLE	65588					
APANASEVICH PA	10-558	MASER, LASER	28035	ARECCHI FT	2-487	MASER, LASER	28055					
	10-1604	MOLEKUELE	52585		3-482	MASER, LASER	28035					
APAYDIN Y	2-2057	FK-SPEKTREN	73360		5-534	MASER, LASER	28035					
APEL JR	5-1610	PLASMA	57093	AREFÉV IM	5-677	PHYS.OPTIK	29045					
APELBLAT A	6-258	HYDRODYNAM.	23030		5-1789	FLUESSIGK.	58546					
	10-747	KERN-MESSG.	40580	AREFEVA IS	7-1727	FLUESSIGK.	58543					
	10-748	KERN-MESSG.	40580	NV	2-2690	GRENZFL.FK	74576					
APLIN CM	12-1769	PLASMA	57053	AREFIEV IM	7-367	WAERME	24020					
APOLLONSKII SM	3-1363	PLASMA	57050	AREFIEV AV	7-2514	FK-SPEKTREN	73380					
	12-1761	PLASMA	57045	AREFIEV IM	9-818	STARKE WW.	41725					
APOLLONSKY SM	11-1718	PLASMA	57053		11-2884	FK-SPEKTREN	73330					
APOSTOL P	8-2658	DUENNE SCHI	74050	AREND H	2-2033	FK-SPEKTREN	73355					
APOSTOLAKIS AJ	8-944	STARKE WW.	41725		9-2280	HALBLEITER	71530					
APOSTOLOVA K	11-3179	GRENZFL.FK	74535	AREND J	4-1920	KRIST.FEHL.	66030					
APPALACHARYULU K.					7-2466	FK-SPEKTREN	73355					
	7-1138	KERN-SPEKT.	42570		8-1946	KRIST.FEHL.	66030					
APPARAO KVS	5-1432	MOLEKUELE	52524	ARENDT F	9-1834	KRIST.FEHL.	66010					
	11-1526	MOLEKUELE	52524	ARENHOEVEL H	6-642	BESCHLEUNIG	41040					
MYK	2-2880	KOSH.PHYSIK	94540		1-1183	KERNREAKTIO	43028					
	6-2953	KOSH.PHYSIK	94530		2-1010	KERNREAKTIO	43026					
	6-2959	KOSH.PHYSIK	94540		6-911	KERN-SPEKT.	42525					
	7-2722	KOSH.STRLG.	90630		7-1167	KERNREAKTIO	43024					
APPEL H	6-582	KERN-MESSG.	40527		9-1005	KERNREAKTIO	43020					
	12-70	BUECHER	11000		11-995	KERNSTRUKT.	42075					
J	5-1127	KERNREAKTIO	43032	ARENS J	11-896	STARKE WW.	41773					
JA	12-972	ELEMENTART.	41578	JF	11-895	STARKE WW.	41770					
APPEL HANSEN J	4-588	HF-TECHNIK	27550	ARENSTEIN M	8-332	MECHANIK	22010					
APPELBAUM J	2-2072	MAGN.EIG.FK	69020	AREY AH	9-1414	POLYMERE	53540					
JA	1-2398	HALBLEITER	71570	ARGAN PE	6-596	KERN-MESSG.	40552					
	3-2080	MAGN.EIG.FK	69000	ARGENCE E	3-2731	KOSH.STRLG.	90610					
	4-200	QUANTENTHEO	16526		8-2806	IONOSPHERE	91072					
	4-2225	LEITFHGK.FK	70024	ARGENTAR H	6-1729	FLUESSIGK.	58560					
	6-2364	SUPRALEITG.	70520	ARGUE GR	1-2415	HALBLEITER	71585					
	8-306	STATISTIK	17560	ARGUELLO C	12-3254	GRENZFL.FK	74540					
APPELBLAD O	1-1483	MOLEKUELE	52524	ARGYLE BE	9-2157	MAGN.EIG.FK	69070					
	9-1293	MOLEKUELE	52524	ARGYRES EN	2-878	STARKE WW.	41764					
APPENZLER I	11-3458	KOSH.PHYSIK	94560	ARGYROPOULOS G.S.								
APPLETON A	7-2411	FK-SPEKTREN	73315		7-1522	PLASMA	57040					
AS	1-420	WAERME	24040		1-1762	FLUESSIGK.	58540					
	11-2191	MECH.EIG.FK	66550	ARIBERT JH	5-312	HYDRODYNAM.	23020					
BR	3-1825	KRIST.FEHL.	66062		4-331	FELDTHEORIE	18045					
JP	8-1470	MOLEKUELE	52575	ARIFOV LY	7-1610	PLASMA	57256					
	11-1587	MOLEKUELE	52575	TU	2-2675	GRENZFL.FK	74560					
	11-1796	PLASMA	57253	UA	5-2724	DUENNE SCHI	74040					
APSHEV SZ	6-859	STARKE WW.	41783	MU	8-826	BESCHLEUNIG	41040					
APTEKAR IL	9-2034	THERMEIG.FK	67550	ARIKAWA T	1-1054	KERN-SPEKT.	42540					
APUKHTINA NP	6-2147	DIELEKTRIKA	68020	ARIH A	7-1061	KERN-SPEKT.	42540					
ARA G	12-1035	STARKE WW.	41730		10-1076	KERN-SPEKT.	42540					
ARAB MEE	4-1788	FLUESSIGK.	58540		11-1041	KERN-SPEKT.	42540					
ARAD B	3-111	MATH.PHYSIK	16020		11-1044	KERN-SPEKT.	42540					
ARAI H	10-2633	FK-SPEKTREN	733									

D	PG	10-2455	METAL.LEITG	71095	ARVIEUX	J	3- 878	KERNSTRUKT.	42010	ASHLEY	JC	3-2686	GRENZFL.FK	74520
	RC	6- 793	STARKE WW.	41753			7-1188	KERNREAKTIO	43052			7-2615	DUENNE SCHI	74060
		10- 927	STARKE WW.	41740			10-1291	KERNREAKTIO	43066	ASHMORE	A	2- 785	STARKE WW.	41725
		11- 873	STARKE WW.	41755	ARYA	G	5- 580	MASER,LASER	28055			9- 805	STARKE WW.	41725
		12-1041	STARKE WW.	41740	ARZELIES	H	1- 336	HYDRODYNAM.	23020	ASHTON	BW	10-1358	K-REAKTOREN	43530
	RT	3- 336	AKUSTIK	23520			2- 209	FELDTHEORIE	18030		F	11-3251	KOSH.STRLG.	90630
	SJ	7-2766	IONOSPHERE	91020			9- 297	HYDRODYNAM.	23020	ASHWORTH	DG	9-2867	PLANETEN	93610
	TE	5- 528	HF-TECHNIK	27560			12-1754	PLASMA	57040		T	9-2868	PLANETEN	93610
DOV	MN	7- 826	BESCHLEUNIG	41010	ASABIN	AN	2-2020	FK-SPEKTREN	73370			7- 402	WAERME	24060
		7- 91	LABORTECHN.	12580	ASADA	T	7-1168	KERNREAKTIO	43024	ASIK	JR	12-115	LABORTECHN.	12530
DY	RL	7-1889	KRIST.FEHL.	66025			7-1716	FLUESSIGK.	58530			12-2983	FK-SPEKTREN	73355
		6-2867	Sonnenphys.	65316	ASADI	P	2-1667	KRISTALLE	65572	ASKARYAN	GA	1- 605	MASER,LASER	28060
		12-3395	Sonnenphys.	93326			2-1998	DIELEKTRIKA	68050			7-1379	MOLEKUELE	52510
LD	M	1-1029	KERNspektr.	42515	ASADOV	GA	3-1621	KRISTALLE	65518			7-1610	PLASMA	57256
LT	C	1-1379	ATOME	52030	YG	5-1850	KRISTALLE	65510		ASKEROV	BM	2-2379	HALBLEITER	71550
	R	12-2462	DIELEKTRIKA	68010			12-2110	KRISTALLE	65518			3-2371	HALBLEITER	71520
S	E	9- 228	FELDTHEORIE	18020	ASADULLIN	YY	10-2650	FK-SPEKTREN	73365	ASKILL	J	7-1870	KRIST.FEHL.	66015
X	M	1-1139	KERNspektr.	42565	ASAI	K	8-1254	K-REAKTOREN	43510			7-1879	KRIST.FEHL.	66025
ITT	R	5- 792	ELEMENTART.	41510	ASAI	Y	8-1532	POLYMERE	53542	ASLAMAZOV	LG	10-2448	METAL.LEITG	71000
		8- 278	QU.FELDTHEO	17050			7-2746	LUFTHUELLE	90840	ASLANIDES	E	8-1111	KERNspektr.	42540
		8- 934	STARKE WW.	41710	ASAKURA	T	9- 588	OPT.INSTRUM	28570	ASLUND	N	2-1254	MOLEKUELE	52524
		12-1111	STARKE WW.	41764			12- 711	OPT.INSTRUM	28570	ASMUS	AA	9- 444	ELEKTRIZIT.	26095
	T	4-2894	KOSH.PHYSIK	94580			12- 737	PHYS.OPTIK	29045	ASMUSSEN	F	9-1398	POLYMERE	53525
TO		5-1629	PLASMA	57210			12-3331	LUFTHUELLE	90860	ASMUSSEN JR.	J	5-1594	PLASMA	57070
TY	J	9-1494	PLASMA	57075	ASAM	P	12-2932	FK-SPEKTREN	73340			12-1796	PLASMA	57075
VV	AG	2- 289	HYDRODYNAM.	23060	ASAMI	A	7- 788	KERNREAKTIO	43024	ASNIN	VM	2-2477	FK-SPEKTREN	73330
		1-2408	HALBLEITER	71570	ASAMOTO	RR	3- 349	WAERME	24026	ASO	T	2-2584	DUENNE SCHI	74010
		9-2274	HALBLEITER	71520	ASANO	H	6-2131	THERMEIG.FK	67553	ASPEN	H	12-3272	GRENZFL.FK	74576
WITZ	VI	3-2702	ERDKOERPER	90230		K	10-1781	GASE	58020	ASPELUND	O	2-1122	KERNSTRUKT.	44010
DOM	L	12-3414	PLANETEN	93640			11-3071	DUENNE SCHI	74010	ASPEN	DE	5- 90	LABORTECHN.	12540
	JR	4-1415	ATOME	52070		S	5-2358	LEITFHGK.FK	70024			5-1410	MOLEKUELE	52562
		5-2794	ERDKOERPER	90250			6-2606	OPT.EIG.FK	73650			7-2200	LEITFHGK.FK	70022
	S	6-2741	ERDKOERPER	90210			11-2542	LEITFHGK.FK	70024	ASPREY	LB	11-2273	DIELEKTRIKA	68020
		2-2339	HALBLEITER	71530	ASANOV	RA	4- 325	FELDTHEORIE	18040			8-1426	MOLEKUELE	52536
		5-2466	HALBLEITER	71530			4- 337	FELDTHEORIE	18050			10-2573	FK-SPEKTREN	73325
	SH	7-2098	THERMEIG.FK	67550	ASANOMA	M	11-2977	FK-SPEKTREN	73370	ASSEMMEYER	F	8-2076	GITTERDYN.	67040
	AK	8- 867	ELEMENTART.	41546	ASAKA	T	10-1347	K-REAKTOREN	43515	ASSEN	E	9-2758	LUFTHUELLE	90830
	HL	4-1679	PLASMA	57075	ASARO	F	3- 992	KERNspektr.	42575	ASSIMAKOPOULOS	P.A.	7-1213	KERNREAKTIO	43064
		10-2481	HALBLEITER	71540	ASATIANI	TL	6- 559	KERN-MESSG.	40560			8- 5	BIOGRAPHIEN	10216
	RK	3-1112	KERNSTRUKT.	44030			7- 791	KERN-MESSG.	40550	ASSMANN	H	6-1028	KERNREAKTIO	43014
		10-2560	FK-SPEKTREN	73325			7- 798	KERN-MESSG.	40560			11-1320	KERNREAKTIO	43075
		5- 473	ELEKTRODYN.	26530	ASAVINEI	I	1- 418	WAERME	24030	ASSOUFA	GE	6- 849	STARKE WW.	41780
LEILA	H	6- 971	KERNspektr.	42560			7- 386	WAERME	24026	ASTAFEV	VA	9- 199	QU.FELDTHEO	17025
	VS	10-3103	KOSH.PHYSIK	94560			8- 454	WAERME	24030	ASTAKHOV	AV	1-1773	FLUESSIGK.	58565
	J	10- 435	WAERME	24050	ASAWA	CK	6- 404	MASER,LASER	28045		OP	1- 223	QU.FELDTHEO	17040
	PY	10-2354	LEITFHGK.FK	70010			11-2893	FK-SPEKTREN	73340	ASTAUD	M	2- 720	ELEMENTART.	41560
	R	11-2401	MAGN.EIG.FK	69035	ASAY	JR	4-1974	MECH.EIG.FK	66514			9- 202	QU.FELDTHEO	17040
		1- 548	MASER,LASER	28035	ASAYAMA	K	12-2722	SUPRALEITG.	70550	ASTBURY	P	3- 848	STARKE WW.	41764
GE	RGC	12- 622	MASER,LASER	28055			12-3085	FK-SPEKTREN	73370			6- 837	STARKE WW.	41770
TT	A	5-1523	POLYMERE	53544	ASBRIDGE	JR	1-2777	MAGNETOSPH.	91280	ASTHEIMER	RW	8- 569	MASER,LASER	28030
		2-2130	MAGN.EIG.FK	69050			7-2815	MAGNETOSPH.	91270	ASTI	G	9-1770	KRISTALLE	65545
		4-2186	MAGN.EIG.FK	69060			7-2821	MAGNETOSPH.	91280			11-2819	FK-SPEKTREN	73310
		11-2194	MECH.EIG.FK	66553	ASBURY	JG	9- 886	ELEMENTART.	41546			12-2550	MAGN.EIG.FK	69035
		11-2309	MAGN.EIG.FK	69010			4- 897	ELEMENTART.	41563	ASTIER	A	3- 779	STARKE WW.	41710
		11-2441	MAGN.EIG.FK	69060			8- 902	ELEMENTART.	41574			3- 821	STARKE WW.	41745
		11-2475	MAGN.EIG.FK	69060			11- 742	ELEMENTART.	41574			4- 969	STARKE WW.	41745
	IE	8-1665	PLASMA	57206			11- 884	STARKE WW.	41764	ASTIN	AV	12- 90	MESSEN	12200
	H	4- 734	PHYS.OPTIK	29035	ASCARELLI	G	12- 950	ELEMENTART.	41560	ASTON	JG	9-1994	THERMEIG.FK	67510
	RJ	5-2003	KRIST.FEHL.	66065			7-2223	LEITFHGK.FK	70053	ASTROV	DN	1- 413	WAERME	24010
EV	PA	7-2002	MECH.EIG.FK	66545			10-2379	LEITFHGK.FK	70053			1-1723	GASE	58040
		12- 655	MASER,LASER	28060		P	6-1639	FLUESSIGK.	58520			2- 324	WAERME	24010
		12-1911	GASENTLADG.	57880			8-1771	FLUESSIGK.	58546	ASTRUE	AW	6- 294	WAERME	24010
GEIL	A.M.	4-1925	KRIST.FEHL.	66030	ASCH	G	1-2671	GRENZFL.FK	74570	ASTVACATUROV	R.G.	12-1108	STARKE WW.	41764
		2-1379	PLASMA	57266			3-1849	KRIST.FEHL.	66073			6-1336	MOLEKUELE	52575
	VV	2-1402	PLASMA	57085	ASCHER	E	10-2336	MAGN.EIG.FK	69080	ASUNDI	RK	9-2626	DUENNE SCHI	74010
		6-1625	PLASMA	57266	ASCOLI	C	6-2168	FK-SPEKTREN	73355	ASATALOS	I	10-1160	KERNspektr.	42570
TEVEA	IP	12-2214	KRISTALLE	65588			9-1329	MOLEKUELE	52547	ATAEV	BM	10-2607	FK-SPEKTREN	73340
BA	W	12-3146	OPT.EIG.FK	73645			9-1330	MOLEKUELE	52547	ATAKISHIEV	NM	10- 247	QU.FELDTHEO	17020
	A	5-2706	DUENNE SCHI	74010		G	11- 804	STARKE WW.	41730	ATAYAN	MR	8-1047	STARKE WW.	41775
MONOV	BP	8-2969	KOSH.PHYSIK	94520			12-1126	STARKE WW.	41775	ATAYAN	AC	5-2468	HALBLEITER	71530
ENKO	IA	7- 369	WAERME	24020	ASDENTE	M	5-2330	LEITFHGK.FK	70024	ATEN	AW	1- 756	KERN-MESSG.	40584
IEV	AN	12-1236	KERNspektr.	42550			8-2218	MAGN.EIG.FK	69065	ATHAY	RG	8-2863	Sonnenphys.	93328
IEV	VA	9-2568	OPT.EIG.FK	73610			11-2911	FK-SPEKTREN	73355			9-2927	STERNE	94025
		12-2617	LEITFHGK.FK	70024	ASELTINE	CL	3-2063	FK-SPEKTREN	73355			11-3371	Sonnenphys.	93324
OV	KP	2-1081	KERNREAKTIO	43080			12-1858	PLASMA	57210	ATHERTON	D	4-2311	SUPRALEITG.	70520
		10-1304	KERNREAKTIO	43075			10-1281	KERNREAKTIO	43064			8- 132	LABORTECHN.	12570
YEV	VV	5- 585	MASER,LASER	28055	ASEYEV	GG	12-1198	KERNspektr.	42540			12- 518	ELEKTRIZIT.	26030
		11-3204	GRENZFL.FK	74570	ASFOUR	F	7-1182	KERNREAKTIO	43048	ATKINS	NM	11-1932	FLUESSIGK.	58557
NEVA	ZL	12- 904	BESCHLEUNIG	41040			11-1156	KERNspektr.	42575		KR	5-1756	FLUESSIGK.	58527
JR	JR	5-2765	GRENZFL.FK	74535	ASGHAR	M	12-1198	KERNspektr.	42540		PW	2-1522	GASE	58060
		9-2044	THERMEIG.FK	67556			9- 785	ELEMENTART.	41583			5-1802	FLUESSIGK.	58560
JRS	AM	5- 173	QUANTENTHEO	16535	ASH	ME	12-361	FELDTHEORIE	18048			6-1361	MOLEKUELE	52550
		8- 271	QU.FELDTHEO	17030			12- 362	FELDTHEORIE	18048		D	9- 630	PHYS.OPTIK	29083
		8- 304	STATISTIK	17540		R	3-2670	GRENZFL.FK	74530			10- 209	QUANTENTHEO	16575
		12- 303	STATISTIK	17520			11-3169	GRENZFL.FK	74535			10- 960	STARKE WW.	41755
		12-1735	PLASMA	57015	ASHBEE	WW	9- 785	ELEMENTART.	41583			12-1078	STARKE WW.	41755
DOLA	G	12-2714	SUPRALEITG.	70530	ASHBROOK	RL	10-2286	MAGN.EIG.FK	69040		DW	3-1457	PLASMA	57256
EMJEVA	SL	2- 682	BESCHLEUNIG	41040	ASHBURN	EV	1- 56	BUECHER	11040		G	5-1805	FLUESSIGK.	58562
UKH	VS	8-2992	KOSH.PHYSIK	94550	ASHBY	DET	2-1468	PLASMA	57250			5-2868	MAGNETOSPH.	91255
BOLEVSKII	I.L.	10- 337	MECHANIK	22010			3-1450	PLASMA	57270			7-2705	GEOMAGNET.	90440
		6-1631	FLUESSIGK.	58540		RA	10-1528	MOLEKUELE	52524			10- 891	STARKE WW.	41725
DALAN	VAR.	6-1559	PLASMA	57270	ASHCHEULOV	YV	2-1423	PLASMA	57206			12-1234	KERNspektr.	42550
EBASHEV	VI	7-1602	PLASMA	57250	ASHCROFT	NW	2-1150	ATOME	52010			10-2490	HALBLEITER	71500
IMOVICH	LA	1-1047	KERNspektr.	42540			3-1533	FLUESSIGK.	58520	ATKINSON	DE R	7-2945	KOSH.PHYSIK	94570
	H	11-1213	KERNREAKTIO	43034			6-2728	GRENZFL.FK	74570			2- 878	STARKE WW.	41764
	RI	8-1563	PLASMA	57017			7-1683	FLUESSIGK.	58520					

ATROSHCHENKO L.V.	12-2250 KRIST.FEHL. 66025	AUSTIN IG	9-2435 FK-SPEKTREN 73330	AYANT Y	1-2156 MAGN.EIG.FK
ATSARKIN VA	3-2068 FK-SPEKTREN 73355	JW	3-1225 MOLEKUELE 52585	AYGUN E	7-1306 ATOME
	3-2179 MAGN.EIG.FK 69075	SH	5-1193 KERNREAKTIO 43052	AYLING AB	9- 264 MECHANIK
	7-2482 FK-SPEKTREN 73355		6-1059 KERNREAKTIO 43048	AYMAR M	2-1209 ATOME
	9-2530 FK-SPEKTREN 73370	AUTH DC	8- 435 AKUSTIK 23570	AYRES DS	3- 844 STARKE WW.
	11-2916 FK-SPEKTREN 73355		8-2079 GITTERBYN. 67060	AYROLES R	5- 494 TEILCH.OPT.
	12-2995 FK-SPEKTREN 73355	AUTHIER A	2-1671 KRISTALLE 65572	AYURZAWAIN BA	9-2124 MAGN.EIG.FK
	12-2996 FK-SPEKTREN 73355		9-1779 KRISTALLE 65570		9-2257 METAL.LEITG
ATSUYA I	12-3036 FK-SPEKTREN 73370	AUTIN B	6-2435 HALBLEITER 71540		10-2705 DUNNE SCHI
ATT A VAN LB	7-2398 FK-SPEKTREN 73300		9-2290 HALBLEITER 71540	AZAM G	3- 712 BESCHLEUNIG
	11-2710 HALBLEITER 71540	AUTLER SH	8-2321 SUPRALEITG. 70350	AZAMATOV ZT	2-2427 PHOTOLEITG.
	11-2711 HALBLEITER 71566	AUTON JP	1- 619 OPT. INSTRUM 28526	AZARBAYEJANI OH	
ATTARD AE	10- 721 PHYS.OPTIK 29080	AUVIL PR	1- 897 STARKE WW. 41753		
ATTARDO MJ	1-1894 KRIST.FEHL. 66065		3- 173 QUANTENTHEO 16578	AZARKH ZM	5-2190 FK-SPEKTREN
	3-1688 KRISTALLE 65578		5- 941 STARKE WW. 41753		5-2435 HALBLEITER
	4-1946 KRIST.FEHL. 66065	AUZEL F	12- 228 QUANTENTHEO 16572	AZAROFF LV	12-2211 KRISTALLE
ATTI DEGLI CC	7-1058 KERNSPEKTR. 42540		3- 503 MASER,LASER 28045		1-2440 FK-SPEKTREN
ATTIA EA	5-2102 GITTERDYN. 67070	AUZINS PV	6-2201 FK-SPEKTREN 73355		1-2441 FK-SPEKTREN
			9-2477 FK-SPEKTREN 73355		2-2456
ATTIX H	5-1687 GASENTLADG. 57860	AVABRE RG	9-2047 THERMEIG.FK 67556	AZAROV VV	5-2557 FK-SPEKTREN
	4-2526 OPT.EIG.FK 73655	AVADHANULU HM	12-1990 FLUESSIGK. 58535		1-2573 OPT.EIG.FK
	5- 761 KERN-MESSG. 40582	AVAKIAN P	1-2198 LEITFHOK.FK 70053		9-2419 FK-SPEKTREN
	8- 757 KERN-MESSG. 40518		7-2418 FK-SPEKTREN 73325	AZBEL MY	1-2147 MAGN.EIG.FK
	8- 758 KERN-MESSG. 40518		2- 126 QUANTENTHEO 16578		4-2413 FK-SPEKTREN
	9- 677 KERN-MESSG. 40582	AVAKOV GV	8-1695 GASENTLADG. 57850		7- 11 BIOGRAPHIEN
	11-3503 STRAHL.BIOL 97010	AVAKOVA L	5- 727 KERN-MESSG. 40510		7-2153 MAGN.EIG.FK
ATWATER HA	11-2909 FK-SPEKTREN 73355	AVAN RG	10-2028 KRIST.FEHL. 66025		8-2231 LEITFHOK.FK
ATWOOD M	2-1260 FLUESSIGK. 58570	AVARBE YA	4-1919 KRIST.FEHL. 66025		9-2505 FK-SPEKTREN
ATZMONY U	9-1343 MOLEKUELE 52560		12-2215 KRISTALLE 65588	AZEMA J	6- 181 STATISTIK
	1-1826 FK-SPEKTREN 73310	AVDEENKO BK	5-2447 HALBLEITER 71500	AZIKOV BS	7-1431 MOLEKUELE
	5-1891 FK-SPEKTREN 73310	AVDIENKO AA	1- 106 VAKUUM 13060	AZIMOV MA	3- 696 KERN-MESSG.
	7-1118 KERNSPEKTR. 42565	AVELLONE JC	8-1660 PLASMA 57202		4-1008 STARKE WW.
	11-1130 KERNSPEKTR. 42565	AVEN M	6-2451 HALBLEITER 71563		12-1108 STARKE WW.
	11-2821 FK-SPEKTREN 73310		8-2382 HALBLEITER 71530	SA	8-1050 STARKE WW.
AUBERT B	6- 834 STARKE WW. 41770		8-2392 HALBLEITER 71540		10-1006 STARKE WW.
G	11-2404 MAGN.EIG.FK 69040	AVENI AF	11-3408 STERNE 94040		10-1008 STARKE WW.
H	11- 424 HF-TECHNIK 27540	AVERBACH BL	1-1913 MECH.EIG.FK 68514	AZIN VA	10-1194 KERNREAKTIO
M	8-2729 GEOMAGNET. 90440		11-2038 KRISTALLE 65582	AZIZ RA	7- 547 MASER,LASER
	6- 917 KERNSPEKTR. 42540	VS	3- 458 HF-TECHNIK 27530		3-1579 FLUESSIGK.
AUBLE RL	8-1153 KERNSPEKTR. 42560	EM	11-2667 HALBLEITER 71510		3-1580 FLUESSIGK.
AUBRECHT JA	10-1721 PLASMA 57093	BS	9-1345 MOLEKUELE 52560		10-1801 GASE
AUBREE J	9-1751 KRISTALLE 65518		11-1568 MOLEKUELE 52560		11- 51 LABORTECHN.
AUBRUN JN	2-2017 FK-SPEKTREN 73370	F	7-2056 GITTERDYN. 67060		12- 154 VAKUUM
	4- 603 HF-TECHNIK 27560		12-2119 KRISTALLE 65540		12-1998 FLUESSIGK.
	5-2137 DIELEKTRIKA 68010	AVERBUKH BS	2-1268 MOLEKUELE 52540	AZMAN A	11- 340 WAERME
M	1- 485 ELEKTRODYN. 26530	AVERINA LN	6-2604 OPT.EIG.FK 73650		7-1066 KERNSPEKTR.
AUBRY MP	8-2800 IONOSPHERE 91050	AA	2-1869 MECH.EIG.FK 66956	AZNAURYAN IG	2- 741 ELEMENTART.
AUCHAMPAUGH GF	9-1089 KERNREAKTIO 43092		6-2067 MECH.EIG.FK 66556	AZOVSKI YS	2-1471 PLASMA
	10-1321 KERNREAKTIO 43092	AVEROUS M	3-2389 HALBLEITER 71530	AZUMA K	2-1853 MECH.EIG.FK
	12-1347 KERNREAKTIO 43048	DA	1-2144 MAGN.EIG.FK 69060		3-1296 POLYMERE
AUCOIN TR	9- 482 MASER,LASER 28008		7-1668 GASE 58050		3-1297 POLYMERE
AUCOUTURIER J	3- 713 BESCHLEUNIG 41040	DF	2- 353 THERMODYN. 24530	RE	4-1096 KERNSPEKTR.
	6- 637 BESCHLEUNIG 41030	EC	3-1221 MOLEKUELE 52516		8-1117 KERNSPEKTR.
	5- 465 ELEKTRIZIT. 26060	JS	11-1642 POLYMERE 53546		8-1128 KERNSPEKTR.
AUDEBERT B	10- 133 MATH.PHYSIK 16040	AVERYANOV IK	3-1007 KERNREAKTIO 43010	AZUMI T	9-2399 FK-SPEKTREN
AUDENHOVE VAN J.			10-1184 KERNREAKTIO 43010		
	6-2629 BUENNE SCHI 74010	IS	9-2529 FK-SPEKTREN 73370		
AUDIAS A	6-1092 KERNREAKTIO 43044	AVERYANOVA TH	6-1962 KRIST.FEHL. 66035		
	10-1225 KERNREAKTIO 43044		12-2280 KRIST.FEHL. 66035		
	10-1324 KERNREAKTIO 43092	AVGUSTINIK AI	2-2331 HALBLEITER 71920		
AUDIT O	10-1207 KERNREAKTIO 43028	AVGUSTINIK AI	9-2461 HALBLEITER 71520		
	6-1246 ATOME 52085	AVIDA R	12-1284 KERNSPEKTR. 42570		
AUDOIN P	2- 458 MASER,LASER 28020	AVIGNONE III F.T.		BAACKE J	9- 815 STARKE WW.
	2-1165 ATOME 52040			BAADE M	9- 953 KERNSPEKTR.
	11- 431 MASER,LASER 28020	AVILA OSB	2- 973 KERNSPEKTR. 42560	BAARLE VAN C	2-2416 THERMOELEKT.
AUBRETSCH J	7-2830 SONNENPHYS. 93300	IV	5- 686 PHYS.OPTIK 29043	BAARS JW	4-1905 KRIST.FEHL.
AUDZIJONIS A	12-2924 FK-SPEKTREN 73325	AVILOVA Y	9-1605 GASE 58020	BAASEL CF	7- 537 MASER,LASER
AUER LH	11-3401 STERNE 94025	AVIV P	2-1290 MOLEKUELE 52934	BABA CVM	1-1882 KERNSPEKTR.
	1- 304 MECHANIK 22050	AVIVI P	3-1457 PLASMA 57256		11-1132 KERNSPEKTR.
AUERBACH EH	6- 779 STARKE WW. 41735	AVIZONIS PV	1-1631 PLASMA 57085	H	3-1842 KRIST.FEHL.
	7-1169 KERNREAKTIO 43040		12-1637 MOLEKUELE 52540	BABADZHANOV PB	9-2091 PLANETEN
J	4- 422 HYDRODYNAM. 23050	AVNI Y	9- 843 STARKE WW. 41793	R	7-1114 KERNSPEKTR.
LB	3- 743 ELEMENTART. 41546	AVOGADRO A	7-2502 FK-SPEKTREN 73370	BABAEV A	6-2822 IONOSPHERE
N	6- 945 KERNSPEKTR. 42550	AVOIRD VAN DER A.		HE	6-2790 KOSM.STRLG.
	11-1078 KERNSPEKTR. 42550		6-1314 MOLEKUELE 52975	BABALA D	1-1293 K-REAKTOREN
	12-1244 KERNSPEKTR. 42555	AVOZOV YA	8-1478 MOLEKUELE 52575		1-1294 K-REAKTOREN
	12-1283 KERNSPEKTR. 42570	E	1-1910 MECH.EIG.FK 66580	BABANOV YA	3-2234 ATOME
	4-1302 K-REAKTOREN 43515	AVRAHESCU E	3-1596 FLUESSIGK. 58570	BABAYAN CP	10-1001 STARKE WW.
AUFDERMAUR AN	8- 463 WAERME 24060	AVRAMOV L	7-2550 OPT.EIG.FK 73645	KP	6- 854 STARKE WW.
AUGERI GR	1-1967 GITTERDYN. 67060	AVRASIM ET	11-2748 HALBLEITER 71580		11-3266 KOSM.STRLG.
AUGST LS	10-2029 KRIST.FEHL. 66025	AVRETT EM	10-1481 ATOME 52075	BABB AL	2- 638 KERN-MESSG.
	10-1270 KERNREAKTIO 43056	AWAD A	2- 59 VAKUUM 13030	BABB JR. SE	3- 62 LABORTECHN.
	11-1251 KERNREAKTIO 43092	AWAMURA N	11- 252 MECHANIK 22036	BABCHENOV AV	12-1325 KERNREAKTIO
AUMSTIN JE	6- 711 ELEMENTART. 41543	AWAYA Y	2-1059 KERNREAKTIO 43096	KL	9-1799 FLUESSIGK.
AUMSTISSON B	3-1588 FLUESSIGK. 58569		4-1252 KERNREAKTIO 43096	WB	3- 359 AKUSTIK
	4-2057 THERMEIG.FK 67556		8-1221 KERNREAKTIO 43056	BABENKO MP	9-1062 KERNREAKTIO
AUGUSTYNEK Z	11- 1 ALLOEMEINES 10000		10-1269 KERNREAKTIO 43056		12-1373 KERNREAKTIO
AULD BA	2-2481 FK-SPEKTREN 73330	AWAZU K	10-2633 FK-SPEKTREN 73355	YA	10-1331 KERNREAKTIO
	4-2201 MAGN.EIG.FK 69070	AWSCHALOM M	10- 768 BESCHLEUNIG 41040	SA	10-2873 KOSM.STRLG.
	9-2429 FK-SPEKTREN 73350	AWHAD Z	8-1138 KERNSPEKTR. 42950		10-2874 KOSM.STRLG.
	11-2381 MAGN.EIG.FK 69030	AXE JD	5-2583 OPT.EIG.FK 73610	BABERTSIAN RP	1-1705 GASENTLADG.
AULEYTER EG	1-1242 KERNREAKTIO 43062		6-2086 GITTERBYN. 67040	BABIC H	6- 640 BESCHLEUNIG
J	6-1919 KRIST.FEHL. 66035		8-2139 DIELEKTRIKA 68030	BABICH EL	6-1742 FLUESSIGK.
	9-2386 FK-SPEKTREN 73325	AXEL P	9-2364 FK-SPEKTREN 73300	VM	9-2209 LEITFHOK.FK
			11-2274 DIELEKTRIKA 68020		10-2464 HALBLEITER
AULUCK FC	1- 248 STATISTIK 17566		4-1203 KERNREAKTIO 43028	BABICHEV AP	2-1466 PLASMA
	1- 250 STATISTIK 17566		6-1073 KERNREAKTIO 43056		6-1470 PLASMA
	1-1599 PLASMA 57050	AXELROD NN	7-1166 KERNREAKTIO 43024	MI	2-1852 MECH.EIG.FK
	8-1299 ATOME 52010	AXFORD WI	5-2783 GRENZFL.FK 74570	BABIKOV VV	10- 180 QUANTENTHEO
AUMAN JR. J	6-2914 STERNE 94020		3-2885 PLANETEN 93650		11- 970 KERNSTRUKT.
AURDAL A	3-1530 GASE 58060		4-2870 KOSM.PHYSIK 94520	BABIKOVA YF	12-2745 HALBLEITER
AURELA AM	10-1202 KERNREAKTIO 43022		6-1501 PLASMA 57085	VP	1- 85 LABORTECHN.
	1-2718 KOSM.STRLG. 90630		6-2965 KOSM.PHYSIK 94550		3- 350 WAERME
	5-2809 KOSM.STRLG. 90600		6-2966 KOSM.PHYSIK 94550	BABISKIN J	1-2230 HALBLEITER
AURILIA A	4- 261 QU.FELDTHEO 17010		7-2789 IONOSPHERE 91060		1-2329 HALBLEITER
AUSKERN AB	2-2339 HALBLEITER 71530		7-2936 KOSM.PHYSIK 94550		6-2284 MAGN.EIG.FK
	5-2466 HALBLEITER 71530		8-2823 MAGNETOSPH. 91250	BABITSKAYA RA	2-2956 OPT.EIG.FK
AUSLANDER VL	3- 849 STARKE WW. 41764	AXON HJ	12-1763 PLASMA 57050	SJ	9- 99 VAKUUM
AUSLOOS P	4-1540 MOLEKUELE 52585	AXTHANN RC	6-2890 PLANETEN 93630	BY	8-1562 PLASMA
	4-1943 MOLEKUELE 52585		6- 573 KERN-MESSG. 40520	BABKINE J	4-2169 MAGN.EIG.FK
	4-1941 KRIST.FEHL. 66060		11- 637 KERN-MESSG. 40584	GM	7-1574 PLASMA
	10-1598 MOLEKUELE 52585	AXTON EJ	2-1127 KERNSTRHLG. 44010	GA	6-2567 OPT.EIG.FK
AUSSENEOG F	7-1757 FLUESSIGK. 58562	JC	5-2499 HALBLEITER 71566	HJ	9-1339 MOLEKUELE
AUST KT	7-1924 KRIST.FEHL. 66035		5-2535 PHOTOLEITG. 72510	P	1- 896 STARKE WW.
AUSTERN N	6-1019 KERNREAKTIO 43010	AYANT Y	1-2068 FK-SPEKTREN 73355	VH	6- 824 STARKE WW.
					2-1665 KRISTALLE

YH	4-1885 KRISTALLE	65572	BAER	HW	9- 664 KERN-MESSG.	40540	BAILEY	AI	2-1553 FLUESSIGK.	58540
	4-2603 GRENZFL.FK	74510			11-1110 KERNSTREHN	42560		BJ	6- 50 LABORTECHN.	12515
	9-1783 KRISTALLE	65578		R	8-2520 FK-SPEKTREN	73355			7-1659 GASE	58025
YKS	4-1499 MOLEKUELE	52524		S	7-1646 GASE	58010		CH	10- 362 HYDRODYNAM.	23010
	5-1444 MOLEKUELE	52524		WS	3-2545 OPT.-EIG.FK	73610		DJ	3- 43 BUECHER	11010
SHKIN VS	8-2530 FK-SPEKTREN	73355	BAERE DE	W	3- 861 STARKE WW.	41767			6-1934 KRIST.FEHL.	66035
STOW R	12-1913 GASENTLADG.	57840			5- 894 STARKE WW.	41730		DM	7-2001 MECH.EIG.FK	66035
AGLINI G	9- 306 HYDRODYNAM.	23030			5- 896 STARKE WW.	41730		GC	5-1927 KRISTALLE	65584
ETTA VL	7-1677 FLUESSIGK.	58510			6- 835 STARKE WW.	41770		GF	4-2132 FK-SPEKTREN	73360
	2- 743 ELEMENTART.	41574	BAERG	AP	6- 836 STARKE WW.	41770		GM	1- 79 LABORTECHN.	12550
	12- 961 ELEMENTART.	41574	BAERS	B	4- 833 KERN-MESSG.	40582		HN	1-1644 PLASMA	57093
GR	1-1667 ELEMENTART.	57010	BAERTSCH	RD	6-1134 K-REAKTOREN	43520		J	8- 320 FELDTHEORIE	18030
H	7-2595 DUENNE SCHI	74020	BAESSLER	H	9-2179 ELEKTROZIT.	26060		JA	9-2954 STERNE	94060
J	11- 67 VAKUUM	13040	BAETZNER	K	12- 900 BESCHLEUNIG	41040		LE	11-3449 KOSM.PHYSIK	94550
ANDERSEN J.			BAEUELER	D	9-2423 FK-SPEKTREN	73330		MG	1-2556 OPT.-EIG.FK	73640
	4- 590 HF-TECHNIK	27550	BAEUELEIN	R	7-1935 KRIST.FEHL.	66060		PT	12-1699 MOLEKUELE	52585
ELET F	6-2780 KOSM.STRLG.	90633			12-2319 KRIST.FEHL.	66076	BAILIN	D	11- 693 ELEMENTART.	41540
ELIER D	3-1044 KERNREAKTIO	43052	BAEUEURICH	H	8-2183 MAGN.EIG.FK	69035	BAILLEUL	LANGAIS J.		
	10-1250 KERNREAKTIO	43052	BAEV	IA	11- 371 ELEKTROZIT.	26060			9- 87 VAKUUM	13020
	11-1270 KERNREAKTIO	43054	BAEVA	NN	10- 122 VAKUUM	13025	BAILLEUX	R	5-1839 FLUESSIGK.	58576
ER AD	12-1145 KERNSTRUKT.	42010	BAEYER VON	HC	5- 857 STARKE WW.	41700	BAILLON	P	4- 969 STARKE WW.	41745
HEIMER JP	12-1864 PLASMA	57235	BAGAEV	SN	6- 400 MASER,LASER	28040	BAILLLOU	J	11-3079 DUENNE SCHI	74020
INGER R	9-1020 KERNREAKTIO	43044			9- 534 MASER,LASER	28055	BAILLY	F	10-2012 KRIST.FEHL.	66010
MAN AH	11- 893 STARKE WW.	41767		VS	2- 485 MASER,LASER	28050			10-2017 KRIST.FEHL.	66015
MANN P	8-1574 PLASMA	57026			10-2596 FK-SPEKTREN	73330	BAILY	MA	12-1450 KERNSTRHLG.	44030
R	11-2788 PHOTOLEITG.	72510	BAGBY	JP	12- 759 PHYS.OPTIK	29088	BAILYN	M	1-2419 THERMOELEKT	72000
ER D	1-1083 KERNSTREHN	42550	BAGCHI	SN	5-2954 KOSM.PHYSIK	94550			1-2420 THERMOELEKT	72000
	8-1126 KERNSTREHN	42545	BAGDASAROV	KS	6-1642 FLUESSIGK.	58520	BAINBRIDGE	DW	5- 282 ELASTIZIT.	22510
FJ	3-2301 SUPRALEITG.	70520			2- 471 MASER,LASER	28045	BAINES	PG	8- 391 HYDRODYNAM.	23050
I	8-1147 KERNSTREHN	42555			3- 507 MASER,LASER	28045	BAIR	EJ	5-1477 MOLEKUELE	52575
G	8- 791 KERN-MESSG.	40555	BAGGE	E	6- 333 ELEKTROZIT.	26030	BAIRD	KJ	11- 941 KERNSTRUKT.	42010
WYSKI MP	1-1632 PLASMA	57085	BAGGERLY	LL	4-2714 KOSM.STRLG.	90646		DC	3-2291 SUPRALEITG.	70520
	2-1425 PLASMA	57206	BAGGETT	N	7- 777 KERN-MESSG.	40512		GA	3-2749 KOSM.STRLG.	90633
R	4- 730 PHYS.OPTIK	29033	BAGGULEY	DMS	6- 691 ELEMENTART.	41546			8-2867 SONNENPHYS.	93340
LH	3-1019 KERNREAKTIO	43024			1-2388 HALBLEITER	71563		JC	12-3360 IONOSPHAERE	91050
RA	1-1555 PLASMA	57033			2-2058 FK-SPEKTREN	73360		JK	2-1273 MOLEKUELE	52512
	3-1270 MOLEKUELE	52585	BAGLEY	M	2-2059 FK-SPEKTREN	73360		JR	3- 858 STARKE WW.	41767
	4-1544 MOLEKUELE	52585			3-2530 FK-SPEKTREN	73335		KM	2- 447 HF-TECHNIK	27540
	8-1499 MOLEKUELE	52585	BAGLIN	A	11-3006 OPT.-EIG.FK	73610		ME	4- 16 BIOGRAPHIEN	10220
ENSTOSS G	10-1601 MOLEKUELE	52585			12-1404 KERNREAKTIO	43092			7- 567 MASER,LASER	28055
	3- 811 STARKE WW.	41735			6-2934 STERNE	94060		NC	9-2050 DIELEKTRIKA	68010
	5-1008 KERNSTRUKT.	42030			11-3461 KOSM.PHYSIK	94570		RC	12-1712 POLYMERE	53544
	6- 916 KERNSTREHN	42540		C	5- 827 ELEMENTART.	41566			5-1381 MOLEKUELE	52516
	10-1401 ATOME	52022	JEE		3-1018 KERNREAKTIO	43024	BAIRNSFATHER H.		2- 44 MESSEN	12220
	10-1402 ATOME	52022			11-1042 KERNSTREHN	42540	BAIXERAS J		6- 221 MECHANIK	22032
	11-1009 KERNSTREHN	42500	BAGNAL	CW	1-1714 GASE	58025			3-2303 SUPRALEITG.	70520
	11-1415 ATOME	52022	BAGROV	NN	11-3083 DUENNE SCHI	74020			4-2307 SUPRALEITG.	70520
HAUS G	12- 399 ELASTIZIT.	22530		VG	1- 165 QUANTENTHEO	16533			8-2360 SUPRALEITG.	70510
MANN DJ	8-1286 KERNSTRHLG.	44010			6- 534 PHYS.OPTIK	29066	BAIXERAS AIGUABELLA C.		9- 931 KERNSTREHN	42535
DJ	8-1955 KRIST.FEHL.	66035			7- 448 ELEKTRODYN.	26540			11-1332 KERNREAKTIO	43080
GE	9-2110 MAGN.EIG.FK	69035			10- 501 ELEKTRODYN.	26540			12-1397 KERNREAKTIO	43080
TC	3- 788 STARKE WW.	41725			11- 382 ELEKTRODYN.	26540	BAJAJ	KK	11-2600 SUPRALEITG.	70500
	4- 884 ELEMENTART.	41546			11- 735 ELEMENTART.	41563			12-2653 LEITFHOK.FK	70053
	6- 822 STARKE WW.	41767			11-1386 KERNSTRHLG.	44030		MM	1-1143 KERNSTREHN	42565
UET G	6-1820 KRISTALLE	65545	BAGUS	P	1-1387 ATOME	52030	BAJON	J	9-2326 HALBLEITER	71570
J	6-1525 PLASMA	57203			12-1511 ATOME	52030	BAK	HI	2- 725 ELEMENTART.	41563
	10-1768 GASENTLADG.	57880		PS	10-1387 ATOME	52010	BAKAKIN	VV	10-1997 KRISTALLE	65584
	11-1838 GASENTLADG.	57880	BAHAR	E	3- 441 HF-TECHNIK	27530	BAKANOV	AA	2-1831 MECH.EIG.FK	66514
Y H	1- 199 QU.FELDTHEO	17010			8- 158 MATH.PHYSIK	16020		VS	9-2808 IONOSPHAERE	91060
	5- 942 STARKE WW.	41753			12-3369 IONOSPHAERE	91074	BAKANOVA	AA	9-1945 MECH.EIG.FK	66514
	11-1395 ATOME	52010	BAHCALL	JN	4-2890 KOSM.PHYSIK	94560	BAKANOVICH	GI	12-1854 PLASMA	57206
WYSKI A	10-2715 OPT.-EIG.FK	73635			4-2894 KOSM.PHYSIK	94560	BAKER	AL	7- 905 STARKE WW.	41725
CHHAPE SB	10-2771 DUENNE SCHI	74020			5- 790 ELEMENTART.	41500		BG	9- 399 THERMODYN.	24510
ILYAN AM	3- 881 KERNSTRUKT.	42010			7-2859 SONNENPHYS.	93340		C	7-2280 SUPRALEITG.	70530
	3- 882 KERNSTRUKT.	42010			7-2860 SONNENPHYS.	93340		CE	2-1513 GASE	58025
NN	7-1296 ATOME	52075			11-3375 SONNENPHYS.	93340		CT	4-1813 FLUESSIGK.	58565
OE	3-1046 KERNREAKTIO	43054			11-3376 SONNENPHYS.	93340	DJ		2- 258 HYDRODYNAM.	23020
CB	12-2912 FK-SPEKTREN	73330			12- 925 ELEMENTART.	41543			4-2741 LUFTHUELLE	90870
RF	2-2639 GRENZFL.FK	74520		JW	9-2996 KOSM.PHYSIK	94565	DM		7-2796 IONOSPHAERE	91072
M	9-2884 PLANETEN	93620		N	1-1137 KERNSTREHN	42565	DR		9-1513 PLASMA	57085
	12- 471 AKUSTIK	23540		NA	11-3375 SONNENPHYS.	93340	FS		1- 90 VAKUUM	13013
R	1- 728 KERN-MESSG.	40520			11-3376 SONNENPHYS.	93340		G	6- 363 TEILCH.OPT.	27035
	4- 794 KERN-MESSG.	40520	BAHL	DP	3- 415 TEILCH.OPT.	27040		GL	10- 655 OPT.INSTRUM	28553
RF	11-1499 MOLEKUELE	52512		SK	12-3226 GRENZFL.FK	74520		GS	8- 95 UNTERRICHT	12055
RFW	3-1205 MOLEKUELE	52512			1- 657 PHYS.OPTIK	29000		J	3-1959 BITTERDYN.	67070
	8-1388 MOLEKUELE	52512			3-2632 DUENNE SCHI	74040		JM	3-2842 MAGNETOSPH.	91230
RG	1- 9 BIOGRAPHIEN	10215			11-3089 DUENNE SCHI	74040			3-2057 FK-SPEKTREN	73355
ISCU SINGUREANU A.I.			BAHM	EL	7-2583 DUENNE SCHI	74010			10-2670 FK-SPEKTREN	73375
	8-1170 KERNSTREHN	42565	BAHNER	K	4- 654 OPT.INSTRUM	28520			11-1999 KRISTALLE	65545
WILEY FI	4-2728 LUFTHUELLE	90840	BAHNSEN	A	6- 827 STARKE WW.	41767	KL		5- 359 AKUSTIK	23520
WAR OD	7-2721 KOSM.STRLG.	90630			11-1249 KERNREAKTIO	43092	M		6- 163 QU.FELDTHEO	17020
	9- 648 KERN-MESSG.	40518		RM	8-1240 KERNREAKTIO	43085	MA		5- 107 VAKUUM	13022
ALI JP	4-1814 FLUESSIGK.	58562	BAHR	AJ	7- 358 AKUSTIK	23520			7- 117 VAKUUM	13060
ER J	1- 886 STARKE WW.	41745		HA	6-1917 KRIST.FEHL.	66035			10- 127 VAKUUM	13030
	8- 792 KERN-MESSG.	40555			12-2264 KRIST.FEHL.	66035	ML		2- 523 OPT.INSTRUM	28540
S	1- 939 STARKE WW.	41760	BAIBAKOV	VI	8-2083 GITTERDYN.	67060	RW		11-3169 GRENZFL.FK	74535
YAN EE	6-1840 KRISTALLE	65572			8-2396 HALBLEITER	71540	S		2- 952 KERNSTREHN	42545
UX F	6-1147 KERNSTRHLG.	44030			8-2397 HALBLEITER	71540	SC		4- 665 OPT.INSTRUM	28530
Z J	1- 706 PHYS.OPTIK	29080			11-2720 HALBLEITER	71540	SD		5-1175 KERNREAKTIO	43085
	2- 512 OPT.INSTRUM	28526			12- 117 LABORTECHN.	12530			10-1735 PLASMA	57235
	2- 628 PHYS.OPTIK	29083	BAIBORODOV YT		5-1575 PLASMA	57055		W	1- 742 KERN-MESSG.	40560
	5- 87 LABORTECHN.	12530	BAIBULATOV FK		10- 76 UNTERRICHT	12035		WF	3- 798 STARKE WW.	41725
KH	2-1541 FLUESSIGK.	58525		RB	4-2790 IONOSPHAERE	91074	BAKER JR. GA		3-2097 MAGN.EIG.FK	69025
INARAYANAN S.				VF	3- 31 TAGUNGEN	10555			3-2100 MAGN.EIG.FK	69025
	9-1855 KRIST.FEHL.	66025	BAIBUZ	GS	1-1860 KRISTALLE	65584			7-2138 MAGN.EIG.FK	69025
INATHAN C	11- 836 STARKE WW.	41740	BAIDA	LA	5-1763 FLUESSIGK.	58530			10-2264 MAGN.EIG.FK	69025
IAB K	12- 94 MESSEN	12215	BAIDAKOV	H	6-1150 KERNSTRHLG.	44033			12-2528 MAGN.EIG.FK	69025
HLER CA	12- 155 VAKUUM	13030	BAIER	J	8-1100 KERNSTREHN	42530	BAKH	LA	10- 434 WAERME	24060
	W	12- 150 VAKUUM		R	5- 207 QU.FELDTHEO	17020			7-1959 KRIST.FEHL.	66073
KLIN A	2- 613 PHYS.OPTIK	29073		VN	4- 898 ELEMENTART.	41563	BAKHRAKH	LD	7- 513 HF-TECHNIK	27590
	3- 903 KERNSTREHN	42565			4-1334 KERNSTRHLG.	44035		H	1-1103 KERNSTREHN	42555
	3- 972 KERNSTREHN	42565			6-1542 PLASMA	57235			3- 947 KERNSTREHN	42555
	4-1158 KERNSTREHN	42570			11- 406 HF-TECHNIK	27530			11-1084 KERNSTREHN	42555
	8- 771 KERN-MESSG.	40532	BAIERLEIN R		7- 274 FELDTHEORIE	18048			12-1231 KERNSTREHN	42550
KLUND NG	9-2009 THERMEITG.	67520	BAIGUBEKOV AS		6- 856 STARKE WW.	41783			12-1232 KERNSTREHN	42550
NE APM	4-460 ELEKTROZIT.	26016			11-3246 KOSM.STRLG.	90610	BAKSHIEV NG		2-1181 MOLEKUELE	52562
CKER PA	6- 969 KERNSTREHN	42560			1-1988 THERMEITG.	67510			3-1257 MOLEKUELE	52560
G	5-1786 FLUESSIGK.	58546	BAIJAL	J	1-1988 THERMEITG.	67510			8- 730 PHYS.OPTIK	29055
ST DE P	4- 905 ELEMENTART.	41572		LG	4-1778 FLUESSIGK.	58530			11-1955 FLUESSIGK.	58576
	8- 873 ELEMENTART.	41546	BAIKOVA		11-1903 FLUESSIGK.	58530			12- 749 PHYS.OPTIK	29060
	9- 749 ELEMENTART.	41546	BAILEY	AC	5-2120 THERMEITG.	67530			12-1607 MOLEKUELE	52520
F	8-1422 MOLEKUELE	52534			7-2092 THERMEITG.	67530				

BAKHTOVARSHOEV S.				BALI NF	7- 176	QUANTENTHED	16582	BAME SJ	9-2863	SONNENPHYS.
				BALIBAR F	2-1671	KRISTALLE	65572	BAMFORD CH	6-1374	POLYMERE
BAKHUR LV	8-1330	ATOME	52040	BALIGA BB	1-1223	KERNREAKTIO	43054	BAMPTON PF	12-1233	KERNSEKTR.
BAKIROV MY	4-2393	PHOTOLEITG.	72500	BALINT A	6-1277	MOLEKUELE	52516	BAN T	12-2893	FK-SPEKTREN
BAKISH R	6-1540	PLASMA	57235	BALKANSKI M	1-2333	HALBLEITER	71520	BANAIGS J	3- 798	KERN-MESSG.
BAKKER HK	12-2508	MAGN.EIG.FK	69010		1-2529	OPT.EIG.FK	73610		3- 678	STARKE WW.
	10-2764	DUENNE SCHI	74020		5-2319	LEITFHGK.FK	70028	BANBURY JR	6-2249	MAGN.EIG.FK
	3- 547	MASER, LASER	28060		6-2088	GITTERDYN.	67040	BANCAREL JP	3-2787	LUFTHUELLE
BAKANOVA VV	7-2518	FK-SPEKTREN	73380		9-2414	FK-SPEKTREN	73325	BANCE DA	12- 891	BESCHLEUNIG
BAKOS J	9-1200	ATOME	52040	BALKAREI YI	11-2532	LEITFHGK.FK	70010	BANCIE GRILLOT M.		
BAKOSH J	4-1366	ATOME	52040	BALKASHIN OP	11-2826	FK-SPEKTREN	73310		4-2268	LEITFHGK.FK
BAKRADZE RV	8-2604	OPT.EIG.FK	73630	BALKE ST	8-1551	PLASMA	57010		11-3014	OPT.EIG.FK
BAKRADZE RV	3-2596	OPT.EIG.FK	73630	BALKO B	11- 331	WAERME	24026	BANCROFT GM	9-2374	FK-SPEKTREN
	6-2586	OPT.EIG.FK	73635		11-1875	FLUESSIGK.	58510	BAND IM	4-1062	KERNSTRUKT.
BAKRE RV	5-2293	MAGN.EIG.FK	69065		11-1876	FLUESSIGK.	58510		1-1909	MECH.EIG.FK
BAKRI MM	5- 251	FELDTHEORIE	18020	BALL AE	11-1286	KERNREAKTIO	43060	BANDER M	2- 689	ELEMENTART.
BAKSH FG	2-2415	THERMOELEKT	72000		8- 525	TEILCH.OPT.	27030		9- 714	BESCHLEUNIG
	8-1557	PLASMA	57010		JA	3-2850	ASTROPHYSIK		11- 672	ELEMENTART.
	7-2163	MAGN.EIG.FK	69045		JB	1-1254	KERNREAKTIO		12- 987	STARKE WW.
BAKTAVATSALOU	9- 140	QUANTENTHED	16530			4-1110	KERNSEKTR.		7-1030	KERNSTRUKT.
BAKTYBAEV KB	4-1062	KERNSTRUKT.	42070			9- 685	BESCHLEUNIG		9- 915	KERNSTRUKT.
BAKULIN VN	3-2818	LUFTHUELLE	90890			12-1197	KERNSEKTR.		6- 151	QUANTENTHED
BAKUMENKO VL	8-2614	OPT.EIG.FK	73640		JS	4- 227	QUANTENTHED		8- 929	STARKE WW.
	8-2616	OPT.EIG.FK	73640			6- 813	STARKE WW.		6-1832	FK-SPEKTREN
BAKUTO IA	11-2289	DIELEKTRIKA	68040			9- 773	ELEMENTART.		8-2640	DUENNE SCHI
BAKX IN	10-1853	FLUESSIGK.	58550			11- 748	ELEMENTART.			
BALABAN MM	4- 365	ELASTIZIT.	22520			11- 883	STARKE WW.			
BALABANOV AE	8-1850	KRISTALLE	65540			12- 265	QUANTENTHED			
	9-2356	PHOTOLEITG.	72510		MA	12-2983	FK-SPEKTREN			
BALACHANDRAN A.F.					RH	4-2656	ERDKOERPER			
	2- 760	STARKE WW.	41700			4-2657	ERDKOERPER			
	8- 906	ELEMENTART.	41574	BALLA J	8- 121	LABORTECHN.	12530			
	8- 422	AKUSTIK	23530	BALLAND JC	2- 642	KERN-MESSG.	40520			
BALAISYTE V	8-1304	ATOME	52010		5- 724	KERN-MESSG.	40505			
BALAKHANOV VV	5- 628	OPT.INSTRUM	28545		12- 798	KERN-MESSG.	40520			
BALAKRISHNAN T.K.				BALLANTYNE JM	8- 673	OPT.INSTRUM	28570			
	8-2798	IONOSPHAERE	91050	BALLARD GS	5- 646	OPT.INSTRUM	28570			
BALAMUTH DP	4-1103	KERNSEKTR.	42550		9-2018	THERMEIG.FK	67530			
BALARIN M	4-1944	KRIST.FEHL.	66065	BALLARO S	6-2578	OPT.EIG.FK	73605			
BALASHINSKAYA M.B.				BALLENTINE LE	1-2014	DIELEKTRIKA	68020			
	11- 401	TEILCH.OPT.	27068		4-1761	FLUESSIGK.	58520			
BALASHOV DB	2-1939	THERMEIG.FK	67540	BALLENTYNE DWG	3-2412	HALBLEITER	71550			
	6- 321	THERMODYN.	24556		5-2489	HALBLEITER	71550			
	8- 580	MASER, LASER	28040		12-2797	HALBLEITER	71550			
	11-1850	GASE	58025	BALLESTRACCI R	2-1704	KRISTALLE	65584			
	1-1100	KERNSEKTR.	42555	BALLIF JR	3-2838	MAGNETOSPH.	91223			
	3-1013	KERNREAKTIO	43020		5-2803	GEOMAGNET.	90440			
	3-1134	ATOME	52040	BALLING LC	5-1247	ATOME	52075			
	6- 678	ELEMENTART.	41543	BALLINGER RA	4-2230	LEITFHGK.FK	70024			
	6-1022	KERNREAKTIO	43012	BALLINI R	7-1220	KERNREAKTIO	43068			
	12-1573	ATOME	52075		10-1106	KERNSEKTR.	42550	BANG JM	1-1173	KERNREAKTIO
BALATS MY	8-1045	STARKE WW.	41770		10-1259	KERNREAKTIO	43054		1-1174	KERNREAKTIO
BALATZ P	10- 992	STARKE WW.	41770		10-1261	KERNREAKTIO	43054	BANICK CJ	8-1209	KERNREAKTIO
BALATYN MY	2-1241	MOLEKUELE	52516		12-1371	KERNREAKTIO	43064	BANKOVSKII AS	10-1604	MOLEKUELE
BALAZS E	2- 940	KERNSEKTR.	42515		2- 629	PHYS.OPTIK	29088	BANKS E	3-2085	MAGN.EIG.FK
	5- 879	STARKE WW.	41725	BALLMAN AA	2-2525	OPT.EIG.FK	73605	PM	1-2755	IONOSPHAERE
	6- 129	QUANTENTHED	16575		3-2541	OPT.EIG.FK	73610		12-3348	IONOSPHAERE
	3-1192	MOLEKUELE	52510		4-2481	OPT.EIG.FK	73610	WHH	2- 264	HYDRODYNAM.
BALBEKOV VI	12-1865	PLASMA	57235		7-2536	OPT.EIG.FK	73610		3- 309	HYDRODYNAM.
BALBERG I	1-2245	LEITFHGK.FK	70072		10-2209	DIELEKTRIKA	68020	BANNAYA VF	4-2331	HALBLEITER
	2-1898	GITTERDYN.	67060		11-2452	MAGN.EIG.FK	69060	BANNER M	1- 861	STARKE WW.
	2-1899	GITTERDYN.	67060		7-1147	KERNREAKTIO	43005		3- 846	STARKE WW.
BALBUTSEV EB	12-1194	KERNSEKTR.	42525	BALLOT JL	2-1563	FLUESSIGK.	58543		5- 972	STARKE WW.
BALCARCEL R	7-1224	KERNREAKTIO	43075	BALLOU J	11- 649	BESCHLEUNIG	41010	BANNIK BP	12-1002	STARKE WW.
BALCOMBE RJ	4- 102	UNTERRICHT	12055	BALLU Y	5-1950	KRIST.FEHL.	66020	BANNISTER JD	8-1047	STARKE WW.
BALDERESCHI A	1-2171	LEITFHGK.FK	70020	BALLUFFI RW	10-2020	KRIST.FEHL.	66020	PR	3- 66	LABORTECHN.
BALDERMAN J	6- 935	KERNSEKTR.	42545		12-2223	KRIST.FEHL.	66015	H	4-2081	DIELEKTRIKA
BALDESCHWIELER J.D.					5-1216	KERNSTRHLG.	44010	BANNO H	4- 536	ELEKTRODYN.
	8-1501	KERNSTRHLG.	44020	BALLY D	8-2151	MAGN.EIG.FK	69010	BANOS JR. A	1- 347	HYDRODYNAM.
BALDI J	6-2682	DUENNE SCHI	74060		10-2232	MAGN.EIG.FK	69010	NK	7-1258	K-REAKTOREN
BALDIN AM	4-1008	STARKE WW.	41764		11-2305	MAGN.EIG.FK	69010		9-1119	K-REAKTOREN
	12-1108	STARKE WW.	41764	BALNY C	6-1759	FLUESSIGK.	58573	BANSAL KG	2-1665	KRISTALLE
	6- 570	KERN-MESSG.	40518	BALOGH J	12- 751	PHYS.OPTIK	29063		4-2473	FK-SPEKTREN
BALDINGER E	5-2663	OPT.EIG.FK	73645	BALSAMO EP	6- 633	BESCHLEUNIG	41020		4-2603	GRENZFL.FK
	6- 547	KERN-MESSG.	40505	BALSLEY E	5- 195	QU.FELDTHEO	17010		9-1783	KRISTALLE
	11-2775	HALBLEITER	71590		12- 300	STATISTIK	17560		9-1866	KRIST.FEHL.
BALDINI G	11-2835	FK-SPEKTREN	73320		I	1-2543	OPT.EIG.FK	BANTA KH	4-1885	KRISTALLE
	12-2867	FK-SPEKTREN	73320			5- 66	LABORTECHN.	HE	5- 54	UNTERRICHT
BALDINI CELIO R.				BALSLEY BB	5-2845	IONOSPHAERE	91045	BANTYS AN	2-1236	MOLEKUELE
	12- 961	ELEMENTART.	41574	BALTAY C	1- 956	STARKE WW.	41764	BANTYSH AN	2-1228	MOLEKUELE
BALDINO P	4- 156	VAKUUM	13016		7- 980	STARKE WW.	41764		3- 702	KERN-MESSG.
BALDONADO OC	9-1138	KERNSTRHLG.	44010		7- 981	STARKE WW.	41764	BANVILLE M	2-1147	ATOME
BALDUS W	5- 80	LABORTECHN.	12530		5-1301	ATOME	52065	BANYAI L	3- 835	STARKE WW.
BALDWIN BA	3-2499	FK-SPEKTREN	73325	BALTAYAN P					5- 950	STARKE WW.
	4-1836	DISP.SYST.	59530	BALTENSPERGER W.	1-2250	LEITFHGK.FK	70076		5- 951	STARKE WW.
	1-1626	PLASMA	57080		9-2155	MAGN.EIG.FK	69065		8- 936	STARKE WW.
	3-1399	PLASMA	57075	BALTES HP	7-1266	KERNSTRHLG.	44010		11- 136	QUANTENTHED
	5-1678	GASENTLADG.	57840	BALTZ VON R	9-1822	KRISTALLE	65588	BANYARD KE	1-1444	MOLEKUELE
	9-1512	PLASMA	57085		11-2405	MAGN.EIG.FK	69040		1-1454	MOLEKUELE
	12-1786	PLASMA	57070		11-2435	MAGN.EIG.FK	69050	BANYS T	8-2399	HALBLEITER
GD	2- 474	MASER, LASER	28045	BALTZINGER C	8-2643	DUENNE SCHI	74020	BAPNA MS	7-1791	KRISTALLE
	2- 475	MASER, LASER	28045	BALZARINI D	11-1859	GASE	58040	BAPPU MKV	9-2886	PLANETEN
MN	4-1116	KERNSEKTR.	42555	BALZAROTTI A	6-2573	OPT.EIG.FK	73605	BAPTISTA JP	1- 286	FELDTHEORIE
P	1- 329	HYDRODYNAM.	23020		6-2578	OPT.EIG.FK	73605	BAPTIZMANSKII V.V.		
TO	6-2507	FK-SPEKTREN	73315	BALZER R	3- 684	KERN-MESSG.	40532		6-1379	POLYMERE
	10-1959	KRISTALLE	65572		3-1778	KRIST.FEHL.	66030		7-1467	MOLEKUELE
	12-2304	KRIST.FEHL.	66065		8- 772	KERN-MESSG.	40532	BAR NUN A	7-1031	KERNSTRUKT.
BALDWIN JR. JA	2-2103	MAGN.EIG.FK	69035		12-2302	KRIST.FEHL.	66065	BAR TOUV J	11- 991	KERNSTRUKT.
	9-2120	MAGN.EIG.FK	69040	BALZER BHARUCHA D.					7- 777	KERN-MESSG.
BALDY A	10- 637	OPT.INSTRUM	28530		12- 814	KERN-MESSG.	40532	BAR YAM Z	8- 900	ELEMENTART.
BALEA O	9- 817	STARKE WW.	41725	BALZHISER RE	9- 312	HYDRODYNAM.	23040	BARA J	1-1835	FK-SPEKTREN
	9- 817	STARKE WW.	41725	BAMBAKIDIS G	9-1636	FLUESSIGK.	58520		5-1022	KERNSTRUKT.
BALEBANOV VZ	11-1679	PLASMA	57266	BAMBERG PG	12-1072	STARKE WW.	41753	BARABANENKOV Y.N.		
BALEJ M	12-2252	KRIST.FEHL.	66025	BAMBERGER A	10-1088	KERNSEKTR.	42545		5- 239	STATISTIK
BALESCU M	2-1349	PLASMA	57015	BAMBINI A	2- 494	MASER, LASER	28055		6- 523	PHYS.OPTIK
	3- 217	STATISTIK	17520		11- 474	MASER, LASER	28055	BARACCA A	4- 889	ELEMENTART.
	8- 290	STATISTIK	17523	BAMBUIROV VG	2-2151	MAGN.EIG.FK	69060		4- 902	ELEMENTART.
	8- 291	STATISTIK	17523		2-2152	MAGN.EIG.FK	69060		4-1006	STARKE WW.
BALESHTA TM	8- 94	UNTERRICHT	12055		8-2530	FK-SPEKTREN	73355		5- 828	ELEMENTART.
BALFOUR D	11-1653	PLASMA	57010	BAMBYNEK W	4-1091	KERNSEKTR.	42545	BARACH JP	9- 873	STARKE WW.
BALI LM	5- 483	ELEKTRODYN.	26540	BAHE SJ	1-2777	MAGNETOSPH.	91280		10-1687	PLASMA
	2- 848	STARKE WW.	41755		5-2873	MAGNETOSPH.	91280		11-1794	PLASMA
	4- 227	QUANTENTHED	16575		7-2815	MAGNETOSPH.	91270	BARADZAI LT	6- 855	STARKE WW.
	4- 238	QUANTENTHED	16582		7-2821	MAGNETOSPH.	91280	BARADZEI LT	11- 910	STARKE WW.
	4-1019	STARKE WW.	41780		7-2822	MAGNETOSPH.	91280		11- 920	STARKE WW.

BARAFF - BARRON

FF	GA	5-2371	LEITFHGK.FK	70056	BARDOTTI	G	9-1587	GASENTLADG.	57850	BARNES	PD	9-1055	KERNREAKTIO	43064
KAT	MF	11-2539	OPT.EIG.FK	73600	BARDSLEY	JN	6-1231	ATOME	52065			11-1114	KERNSPEKTR.	42560
	R	6- 62	LABORTECHN.	12560			11-1491	MOLEKUELE	52510		PS	3-1832	KRIST.FEHL.	66065
MBOM	NK	12- 377	MECHANIK	22020			11-1601	MOLEKUELE	52580		RF	8-1176	KERNSPEKTR.	42575
MIDZE	GA	7-1495	POLYMERE	53540	BARDWICK	J	4-1149	KERNSPEKTR.	42570		RG	1-2044	FK-SPEKTR	73370
	NP	3-2244	LEITFHGK.FK	70056			9- 988	KERNSPEKTR.	42570			6-2218	MAGN.EIG.FK	69010
	W	8-2562	FK-SPEKTR	73375	BARÉ	C	1- 671	PHYS.OPTIK	29030			7-1813	KRISTALLE	65545
NGER	EU	2- 379	ELEKTRIZIT.	26030		CC	3-2850	ASTROPHYSIK	93020			9-1761	KRISTALLE	65545
	H	7-1060	KERNSPEKTR.	42540	BAREIKIS	V	4-2343	HALBLEITER	71540			10-2661	FK-SPEKTR	73370
	9- 913	KERNSTRUKT.	42075				8-2402	HALBLEITER	71540		RL	12- 548	TEILCH.OPT.	27016
	9- 914	KERNSTRUKT.	42075	BARENDSEN	GW	10-3140	STRAHL.BIOL	97000		RO	10-1228	KERNREAKTIO	43046	
	11- 950	KERNSTRUKT.	42020	BARREYRE	P	8- 951	STARKE WW.	41725		RS	3-1831	KRIST.FEHL.	66065	
	11- 960	KERNSTRUKT.	42020	BARFIELD	M	9-1285	MOLEKUELE	52516			8-1994	KRIST.FEHL.	66065	
	11-1135	KERNSPEKTR.	42565	BARGER	V	3- 797	STARKE WW.	41725			12-2309	KRIST.FEHL.	66065	
NIK	AT	10-1281	KERNREAKTIO	43064			3- 820	STARKE WW.	41745		VE	1- 963	STARKE WW.	41770
		12-1198	KERNSPEKTR.	42540			6- 738	STARKE WW.	41700			5- 968	STARKE WW.	41764
NOV	AA	7-1992	MECH.EIG.FK	66516			7- 909	STARKE WW.	41725			5- 979	STARKE WW.	41770
	AG	9-2651	DUENNE SCHI	74050			7- 963	STARKE WW.	41755		WC	1- 313	ELASTIZIT.	22510
	AI	8-2140	DIELEKTRIKA	68030			8-1007	STARKE WW.	41755		WS	7-1512	PLASMA	57023
		11- 776	STARKE WW.	41710			9- 796	STARKE WW.	41700	BARNETT	AG	12-1295	KERNSPEKTR.	42575
	IG	6- 115	QUANTENTHEO	16530			9- 855	STARKE WW.	41755		DM	2-1769	KRIST.FEHL.	66035
	LI	11-2752	HALBLEITER	71570			9- 858	STARKE WW.	41755			6-1949	KRIST.FEHL.	66035
	PS	9- 769	ELEMENTART.	41572			11- 761	STARKE WW.	41700		GP	4-1449	MOLEKUELE	52512
	RI	9- 495	MASER,LASER	28035			11- 790	STARKE WW.	41725		JD	1- 69	LABORTECHN.	12515
	SA	12-1299	KERNSPEKTR.	42575			11- 852	STARKE WW.	41745		ME	5- 500	TEILCH.OPT.	27030
	VY	2-1491	GASENTLADG.	57860			12-1086	STARKE WW.	41755			6- 361	TEILCH.OPT.	27030
		7-1629	GASENTLADG.	57840		VD	7- 890	STARKE WW.	41700		NE	7- 656	OPT.INSTRUM	28570
NOVA	RY	3-1713	KRISTALLE	65588			11- 795	STARKE WW.	41725		TL	3-1233	MOLEKUELE	52516
NOVSKY SN		6-2100	GITTERDYN.	67060	BARGERY	CJ	4- 558	TEILCH.OPT.	27040		TP	7-2696	ERDKOERPER	90260
NOVNA TARASIUK M.					BARGON	J	4- 500	THERMODYN.	24554	BARNEY	H	12- 835	KERN-MESSG.	40555
		8-1793	FLUESSIGK.	58562			4- 501	THERMODYN.	24554			9- 752	KERN-MESSG.	40560
NOVSKI B		12-1922	GASE	58025	BARGOUTH	MO	9-1873	KRIST.FEHL.	66035	BARNHILL III M.V.		7- 969	STARKE WW.	41760
	JM	2-1644	KRISTALLE	65545	BARGOV	VG	6- 210	FELDTHEORIE	18020			7- 970	STARKE WW.	41760
NSKII PI		10-2569	FK-SPEKTR	73325	BARGROV	WG	10- 297	FELDTHEORIE	18020	BARNOTHY	JM	11-3460	KOSM.PHYSIK	94565
		2-2325	HALBLEITER	71520	BARIAUD	A	12- 887	BESCHLEUNIG	41010		MF	11-3460	KOSM.PHYSIK	94565
		2-2328	HALBLEITER	71520	BARIBAUD	M	4- 838	BESCHLEUNIG	41010	BAROCCHI	F	1-1768	FLUESSIGK.	58543
		9-2209	LEITFHGK.FK	70090	BARIL	M	10-1251	KERNREAKTIO	43054			1-2513	FK-SPEKTR	73350
		10-2076	KRIST.FEHL.	66076	BARILOVICH	OI	8-2349	SUPRALEITG.	70550			4- 702	PHYS.OPTIK	29000
		10-2077	KRIST.FEHL.	66076	BARISH	B	1- 884	STARKE WW.	41745			4-2412	FK-SPEKTR	73300
		10-2464	HALBLEITER	71520	BARISIC	BC	8- 912	ELEMENTART.	41576	BAROFSKY	DF	12-3265	GRENZFL.FK	74573
NTSEV RG		8-1707	GASE	58010		S	4-2277	SUPRALEITG.	70520	BAROIS	JL	1- 693	PHYS.OPTIK	29050
SCHENKOV V.S.					BARIT	IJ	6- 629	BESCHLEUNIG	41010	BARON	G	1-1058	KERNSPEKTR.	42540
SASH	N	4- 883	ELEMENTART.	41546	BARKAN	S	7- 772	KERN-MESSG.	40527			7-1056	KERNSPEKTR.	42540
SASH SCHMIDT N.	VY	1- 651	OPT.INSTRUM	28580	BARKAS	WH	4- 875	ELEMENTART.	41546		M	5-2858	IONOSPHERE	91072
		9- 865	STARKE WW.	41762			8- 748	KERN-MESSG.	40503		R	6-1096	KERNREAKTIO	43080
SASHENKOV VS		4- 970	STARKE WW.	41745	BARKER	BM	1- 785	ELEMENTART.	41535			7-2347	HALBLEITER	71570
		4-1017	STARKE WW.	41780			4-1049	KERNSTRUKT.	42045	BAROODY	EM	11-2750	HALBLEITER	71570
		6- 848	STARKE WW.	41780			5- 798	ELEMENTART.	41535			8-1774	FLUESSIGK.	58546
		7- 248	STATISTIK	17563		FC	3-1001	KERNREAKTIO	43005	BARQUINS	M	5-2046	MECH.EIG.FK	66505
TAT	JL	10-1152	KERNSPEKTR.	42565		HL	4-1359	ATOME	52022	BARR	ES	8- 6	BIOGRAPHIEN	10216
	M	2-1218	MOLEKUELE	52580		JA	7-1645	FLUESSIGK.	58520		FH	3- 579	OPT.INSTRUM	28556
		4-1409	ATOME	52065		JR	9-1641	FLUESSIGK.	58520		JK	1-1517	POLYMERE	53535
		8-1338	ATOME	52060		PD	7-2387	PHOTOLEITG.	72510		KG	9-2708	ERDKOERPER	90240
TATOFF A		12-1553	ATOME	52065		PH	11-3123	DUENNE SCHI	74050		KP	8-2166	MAGN.EIG.FK	69025
TATTINI A		11-2607	SUPRALEITG.	70520			7- 766	KERN-MESSG.	40520		LW	4-2379	HALBLEITER	71585
TAT	D	11-1873	FLUESSIGK.	58510			7-1089	KERNSPEKTR.	42545		WL	7-1887	KRIST.FEHL.	66025
TAT		12-2992	FK-SPEKTR	73355		PR	1-2721	KOSM.STRLG.	90646			1-1695	PLASMA	57270
TALAT REY F		6-1367	FLUESSIGK.	58557		RC	4-2130	FK-SPEKTR	73360	BARRAND	P	3-2173	MAGN.EIG.FK	69070
TARA B		11-2463	MAGN.EIG.FK	69060		WA	11-2981	FK-SPEKTR	73370	BARRAS	H	5-2634	OPT.EIG.FK	73605
TARISI MJ		1-1520	POLYMERE	53540		AS	2-1961	DIELEKTRIKA	68020	BARRAT	JP	2-1166	ATOME	52040
TARO G		3-2899	STERNE	94040			5-2083	GITTERDYN.	67040			5-1270	ATOME	52040
TARO GALTIERI A.		1- 950	STARKE WW.	41762			7-2441	FK-SPEKTR	73330		M	4-1388	ATOME	52070
		9- 865	STARKE WW.	41762		RE	8-2482	FK-SPEKTR	73330	BARRAULT	MR	4- 346	MECHANIK	22034
IBER	CR	6- 293	WAERME	24010			9-2135	MAGN.EIG.FK	69050	BARRE	G	5- 313	HYDRODYNAM.	23020
	HP	9- 598	PHYS.OPTIK	29020	BARKHATOV	AN	11-1619	POLYMERE	53540	BARREAU	P	4-1208	KERNREAKTIO	43036
	MR	9- 440	ELEKTRIZIT.	26060			8- 423	AKUSTIK	23530			6- 953	KERNSPEKTR.	42555
		9-2302	HALBLEITER	71540	BARKLEY NP		9-1735	DISP.SYST.	59540			10-1211	KERNREAKTIO	43036
	WD	5-2256	MAGN.EIG.FK	69035	BARKOVSKII LM		1- 708	PHYS.OPTIK	29080	JARREKETTE	ES	7- 672	PHYS.OPTIK	29010
		11-3110	DUENNE SCHI	74050			1-2516	OPT.EIG.FK	73610	BARRELET	E	5- 897	STARKE WW.	41730
BI	GB	12-2058	FLUESSIGK.	58565			8- 747	PHYS.OPTIK	29088	BARRER	RM	3-2670	GRENZFL.FK	74530
	M	1- 976	KERNSTRUKT.	42010	BARLETTI R		6-3007	SEHEN	96610			11-3169	GRENZFL.FK	74535
BIELLINI C		5- 824	ELEMENTART.	41563	BARLOUTAUD M		10-1294	KERNREAKTIO	43068		B	12-2322	KRIST.FEHL.	66076
BIER M		12-3452	KOSM.PHYSIK	94510			10-1302	KERNREAKTIO	43075	BARRET	S	8-1801	FLUESSIGK.	58565
BIERI C		3-2915	KOSM.PHYSIK	94565		R	10- 949	STARKE WW.	41753	BARRETO	E	8-1603	PLASMA	57050
BIERI DE O		6-1486	PLASMA	57070			11-1131	KERNSPEKTR.	42565	BARRETT	AH	3-2850	ASTROPHYSIK	93020
		10-1668	PLASMA	57033			10- 949	STARKE WW.	41753			3-2909	KOSM.PHYSIK	94520
BIN	AR	10- 399	HYDRODYNAM.	23070			11- 888	STARKE WW.	41764			10-3080	KOSM.PHYSIK	94520
BON	R	5-2933	KOSM.PHYSIK	94550	BARLOW	AJ	1-1919	MECH.EIG.FK	66514			11-3457	KOSM.PHYSIK	94560
		9-2948	STERNE	94050			5-2089	GITTERDYN.	67060		BR	2- 943	KERNSPEKTR.	42540
BOUR	IM	5-1121	KERNREAKTIO	43022		HM	7-1707	FLUESSIGK.	58530			7-1035	KERNSTRUKT.	42075
		8- 863	ELEMENTART.	41546			3- 453	HF-TECHNIK	27530			11-1002	KERNSTRUKT.	42075
BU LE	JP	10- 779	BESCHLEUNIG	41010		J	3- 821	STARKE WW.	41745		CS	3-1695	KRISTALLE	65582
CA GALATEANU D.	JC	12-1352	KERNREAKTIO	43050			12- 934	ELEMENTART.	41546			5-1917	KRISTALLE	65582
		10-1547	MOLEKUELE	52538	BARMAWI	M	10- 961	STARKE WW.	41755			5-2132	THERMEIG.FK	67556
CELO J		5-2552	FK-SPEKTR	73325			10- 962	STARKE WW.	41755			6-2120	THERMEIG.FK	67530
		7-2450	FK-SPEKTR	73330	BARMIN	VV	4- 907	ELEMENTART.	41572		HH	10-2152	GITTERDYN.	67060
CHEWITZ P		1-1471	MOLEKUELE	52536	BARNAAL	DE	1-2044	FK-SPEKTR	73370		JH	10-2044	KRIST.FEHL.	66060
		2-1256	MOLEKUELE	52536			4-2096	FK-SPEKTR	73370		JJ	10-1549	MOLEKUELE	52540
		5-1411	MOLEKUELE	52538	BARNARD	E	7-1181	KERNREAKTIO	43048		JW	8-2773	LUFTHUELLE	90850
		5-1456	MOLEKUELE	52560		RD	7-2380	THERMOELEKT	72010		MJ	8-1992	KRIST.FEHL.	66065
CILON V		3- 289	HYDRODYNAM.	23000		RW	7-1082	KERNSPEKTR.	42545		RC	3- 988	KERNSPEKTR.	42570
		5- 305	HYDRODYNAM.	23020			7-1083	KERNSPEKTR.	42545			6-1059	KERNREAKTIO	43048
							8-1136	KERNSPEKTR.	42550			9- 898	KERNSTRUKT.	42030
DADIN OTWINOWSKA M.		7- 991	STARKE WW.	41775			10-1297	KERNREAKTIO	43075			11-1232	KERNREAKTIO	43048
		11- 809	STARKE WW.	41730	BARNES	A	9-1505	PLASMA	57080		TB	1-1533	PLASMA	57015
DAKCI K		1- 890	STARKE WW.	41750		C	10-2060	KRIST.FEHL.	66065			1-2703	GEOMAGNET.	90470
		3- 824	STARKE WW.	41753		CA	11-1033	KERNSPEKTR.	42540		WL	3-2073	FK-SPE	

BARRON - BATTLE

BARRON	THK	11-2247	THERMEIG.FK	67530	BARTSCH	K	10-1958	KRISTALLE	65572	BASS	FG	1-2315	HALBLEITER	7
BARROS DE	S	3-1032	KERNREAKTIO	43044	BARTUSKA	P	4-1845	KRISTALLE	65516			4-2252	LEITFHGK.FK	7
		5-1101	KERNSEKTR.	42570	BARTZ	BDNARCZYK	D.			IA	10-1979	KRISTALLE	6	
BARROS LEITE DE	C.V.						11-2498	MAGN.EIG.FK	60600	J	6-2487	THERMOELEKT	7	
		3- 954	KERNSEKTR.	42555	BARUA	AK	1- 425	WAERME	24050			9- 313	HYDRODYNAM.	2
		8-1158	KERNSEKTR.	42560			1- 450	THERMODYN.	24552	M		3- 485	MASER, LASER	2
BARROW	CH	5-2908	PLANETEN	93614			2-1502	GASE	58020			9- 497	MASER, LASER	2
	GM	12-2078	FLUESSIGK.	58576			3-1492	GASE	58020			9- 521	MASER, LASER	2
	RF	1-1483	MOLEKUELE	52524			3-1495	GASE	58020			12-3092	FK-SPEKTREN	7
		2-1262	MOLEKUELE	52512					58025			3-1070	KERNREAKTIO	4
		2-1521	GASE	58060			4-1440	MOLEKUELE	52575	RF		8-2017	KRIST.FEHL.	6
		3-1241	MOLEKUELE	52524			4-1454	MOLEKUELE	52512	E		5-2316	LEITFHGK.FK	7
		3-1243	MOLEKUELE	52524			5-1698	GASE	58020	F		1-2171	LEITFHGK.FK	7
		5-1434	MOLEKUELE	52524			5-1702	GASE	58025			2-2188	LEITFHGK.FK	7
		8-1412	MOLEKUELE	52524			5-1703	GASE	58025			11-2534	HALBLEITER	7
		8-1413	MOLEKUELE	52524			5-1705	GASE	58025	G		10-1043	KERNSTRUKT.	4
		9-1293	MOLEKUELE	52524			5-1706	GASE	58025			10-1127	KERNSEKTR.	4
		9-1294	MOLEKUELE	52524			5-1887	KRISTALLE	65545			10-1296	KERNREAKTIO	4
BARROWS	AW	6- 934	KERNSEKTR.	42545			6-1615	GASE	58040	L		5-1674	GASENTLADG.	5
BARROWS JR.	AW	4-1261	KERNREAKTIO	43064			9-1604	GASE	58020	P		3- 634	PHYS.OPTIK	2
BARRY	DC	8-2921	STERNE	94020			9-1607	GASE	58025	BASSANINI	D	4- 956	STARKE WW.	4
	DE	1-2657	GRENZFL.FK	74563			9-1619	GASE	58025	BASSANO		5- 979	STARKE WW.	4
	GW	12- 919	ELEMENTART.	41540			10-1783	GASE	58025			3-1056	KERNREAKTIO	4
	JD	1-2731	LUFTHUELLE	90820			11-1848	GASE	58020	BASSEL	RH	3-1077	KERNREAKTIO	4
		2-2760	LUFTHUELLE	90880			12-1921	GASE	58020			7-1491	POLYMERE	5
		10-2908	LUFTHUELLE	90880			12-1930	GASE	58025	BASSETT	DC	6-2709	GRENZFL.FK	7
	TL	12-3130	OPT.EIG.FK	73640			10-2763	DUEENNE SCHI	74010	WA		7-2007	MECH.EIG.FK	6
BARSCH	GR	6-2059	MECH.EIG.FK	66550	BARUCCHI	KC	5- 145	QUANTENTHED	16516	A		10- 214	QUANTENTHED	1
		8-2029	MECH.EIG.FK	66514	G		5- 181	QUANTENTHED	16578			11- 775	STARKE WW.	4
BARSCHALL	HH	2-1020	KERNREAKTIO	43040			5- 196	QU.FELDTHEO	17010			3-2629	DUEENNE SCHI	7
		11-1219	KERNREAKTIO	43040	BARUT	AO	1- 123	QUANTENTHED	16516	BASSEWITZ V. A		4-1039	KERNSTRUKT.	4
BARSELL	AW	11-2079	KRIST.FEHL.	66020			1- 124	QUANTENTHED	16516	BASSICHS	WH	10-1047	KERNSTRUKT.	4
BARSHAY	S	1- 830	ELEMENTART.	41574			1- 894	STARKE WW.	41750			11- 973	KERNSTRUKT.	4
		2- 166	QU.FELDTHEO	17020			1-1335	ATOME	52010			11- 992	KERNSTRUKT.	4
		3- 739	ELEMENTART.	41546			2- 77	QUANTENTHED	16516	BASSO	J	5- 361	AKUSTIK	2
		5- 805	ELEMENTART.	41546			3- 175	QUANTENTHED	16578	BASSOMPIERRE	G	3- 861	STARKE WW.	4
		8- 899	ELEMENTART.	41574			3-1119	ATOME	52010			6- 835	STARKE WW.	4
BARSKAYA	AY	1-1711	GASENTLADG.	57840			5- 931	STARKE WW.	41753			6- 836	STARKE WW.	4
BARSONY	I	9-1934	MECH.EIG.FK	66540			5- 932	STARKE WW.	41753	BASTECKA	J	6-1929	KRIST.FEHL.	6
BARSTON	EM	8- 160	MATH.PHYSIK	16020			5- 933	STARKE WW.	41753	BASTERFIELD J		2-2101	MAGN.EIG.FK	6
BARSUOKOV	K	2- 398	ELEKTRODYN.	26540			7- 942	STARKE WW.	41750	BASTICK	J	7-2449	FK-SPEKTREN	7
BARTCHOUK	IA	9-1120	K-REAKTOREN	43515			8- 188	QUANTENTHED	16516	BASTIDE	JP	12-2448	THERMEOIG.FK	6
BARTEL	LC	5-2055	MECH.EIG.FK	66556			10- 142	QUANTENTHED	16516	BASTIN	AJF	10- 270	STATISTIK	1
	W	2- 751	ELEMENTART.	41576			10- 880	ELEMENTART.	41583	G		10-1168	KERNSEKTR.	4
		2- 756	ELEMENTART.	41586			10- 948	STARKE WW.	41753	MW		2-1282	MOLEKUELE	5
		3- 689	KERN-MESSG.	40532			11- 102	QUANTENTHED	16530			3-1241	MOLEKUELE	5
BARTELINK	DJ	1-2227	LEITFHGK.FK	70056			11- 857	STARKE WW.	41753	BASTIN SCOFFIER	G			
BARTELL	IS	9-1284	MOLEKUELE	52516			11- 861	STARKE WW.	41753			5-1107	KERNSEKTR.	4
	LS	4-1455	MOLEKUELE	52514	BARWINSKI	A	10-1365	KERNSTRUKT.	44010			11-1153	KERNSEKTR.	4
BARTENEV	GM	10- 846	ELEMENTART.	41560	BARYAKHTAR	VG	8-2225	MAGN.EIG.FK	69070	BASU	D	6-1225	ATOME	5
		7-1712	FLUESSIGK.	58530	BARYNIN	VY	11-2054	KRISTALLE	65586	J		4-1695	PLASMA	5
		9-1924	MECH.EIG.FK	66516	BARYSHEV	NS	2-2390	HALBLEITER	71566	S		5-2839	IONOSPHAERE	9
		11-1902	FLUESSIGK.	58530			2-2431	PHOTOLEITG.	72510			5-2859	IONOSPHAERE	9
		12-1982	FLUESSIGK.	58530			6-2453	HALBLEITER	71563	BASYUNI	AK	8- 247	QU.FELDTHEO	1
BARTENEV	GM	12-1966	FLUESSIGK.	58530	BARYSHEVSKY	VG	10-2488	HALBLEITER	71560	BATABAYAL	AK	5-1702	GASE	5
BARTH	CA	2-2759	LUFTHUELLE	90870			4-2420	FK-SPEKTREN	73325			5-1703	GASE	5
	N	8-2342	SUPRALEITG.	70550	BARYSINSKI	H	6-1982	KRIST.FEHL.	66065			8-1711	GASE	5
BARTHA	L	4-1844	KRISTALLE	65516	BAS	EB	3- 708	BESCHLEUNIG	41020			9-1607	GASE	5
BARTHAKUR	N	4- 489	THERMODYN.	24530	BASARGIN	YG	11- 595	KERN-MESSG.	40527	BATAILLE	J	3- 373	THERMODYN.	2
	NN	3-1610	KRISTALLE	65510	BASCHEK	B	6-2866	SONNENPHYS.	93314			10-1831	FLUESSIGK.	5
BARTHEL	J	6-2132	THERMEIG.FK	67556			11-3369	SONNENPHYS.	93322	BATAILLER	G	11-3079	DUEENNE SCHI	7
		6-2397	METAL.LEITG	71010	BASEGGIO	AF	7-2923	KOSM.PHYSIK	94530	BATANA	A	11-2247	THERMEIG.FK	6
		10-1874	FLUESSIGK.	58565	BASHANDY	E	3- 984	KERNSEKTR.	42570	BATARCHUKOVA N.R.		9- 546	OPT.INSTRUM	2
BARTHELS	H	12- 411	HYDRODYNAM.	23020			4-1146	KERNSEKTR.	42570			12-2924	FK-SPEKTREN	7
BARTHES	E	2- 504	OPT.INSTRUM	28510			6- 997	KERNSEKTR.	42570	BATARUNAS	J	12-2924	FK-SPEKTREN	7
BARTHOLIN	H	2-2161	MAGN.EIG.FK	69040			12-1266	KERNSEKTR.	42565	BATCHELDER	DN	5-1916	KRISTALLE	6
		11-2195	MECH.EIG.FK	66553	BASHARA	NM	1-2615	DUEENNE SCHI	74000	BATDORF	RL	2-2353	HALBLEITER	7
BARTHOLOMEW	C	2-2466	OPT.EIG.FK	73605			12- 746	PHYS.OPTIK	29060	BATE	HG	5-1520	POLYMERE	5
	GA	3-1033	KERNREAKTIO	43044	BASHAROV	R	11-1814	GASENTLADG.	57810			6- 620	KERN-MESSG.	4
		4-1230	KERNREAKTIO	43048	BASHENOV	VK	2-2374	HALBLEITER	71563	LC		1-2335	HALBLEITER	7
		5-1098	KERNSEKTR.	42570			10-2652	FK-SPEKTREN	73370	RT		2-2203	LEITFHGK.FK	7
BARTHOMEUF	RF	8- 381	HYDRODYNAM.	23020			11-2091	KRIST.FEHL.	66025			6-2421	HALBLEITER	7
BARTKE	D	7-2658	GRENZFL.FK	74535	BASHIROV	RI	2-2367	HALBLEITER	71550			12-2803	HALBLEITER	7
BARTKO	F	1- 740	KERN-MESSG.	40555			3-2383	HALBLEITER	71520	BATEMAN	CO	4- 519	ELEKTIRIZIT.	2
BARTKOWSKI	R	11-3380	PLANETEN	93612			3-2414	HALBLEITER	71550	DA		9- 507	MASER, LASER	2
BARTKY	C	6- 520	PHYS.OPTIK	29045			3-2452	THERMOELEKT	72010	TB		2- 321	AKUSTIK	2
BARTL	A	12-1057	STARKE WW.	41745			5-2451	HALBLEITER	71520	BATES		2-2622	DUEENNE SCHI	7
							6-2422	HALBLEITER	71520			6- 485	OPT.INSTRUM	2
BARTLE	ER	6-1353	MOLEKUELE	52575	BASHIROVA	RM	7-1639	GASENTLADG.	57850	CA		5-1877	KRISTALLE	6
BARTLETT	MS	6- 178	STATISTIK	17510	BASHKIN	S	2-1153	ATOME	52024	DR		2-1201	ATOME	5
	MW	3-1655	FK-SPEKTREN	73310			5-1252	ATOME	52024			6-1216	PLASMA	5
	RW	4- 135	LABORTECHN.	12525			5-1273	ATOME	52027			8-1552	PLASMA	5
		7-1977	MECH.EIG.FK	66514			11-1441	ATOME	52060			12-1590	MOLEKUELE	5
		12-2269	KRIST.FEHL.	66035	BASHKIROV	AG	3- 228	STATISTIK	17535	GN		3-1993	THERMEIG.FK	6
BARTLEY	WC	3-2736	KOSM.STRLG.	90630	SS		12-2854	FK-SPEKTREN	73310	JC		9-2769	LUFTHUELLE	9
BARTNIKAS	R	11-1824	GASENTLADG.	57840			12-3084	FK-SPEKTREN	73370	BATES JR.	CW	1-1499	MOLEKUELE	5
BARTOE JR.	OE	3- 606	PHYS.OPTIK	29010			7- 353	HYDRODYNAM.	23070			2-1581	FLUESSIGK.	5
BARTOLI	FJ	12-2061	FLUESSIGK.	58568	BASHMAKOVA	MI	11-1943	FLUESSIGK.	58565	BATHIER	M	4- 831	KERN-MESSG.	4
BARTOLINI	W	2-1058	KERNREAKTIO	43056			11-2277	DIELEKTRIKA	68020	BATHO	HF	1- 933	STARKE WW.	4
		8-1210	KERNREAKTIO	43050			11-2693	HALBLEITER	71530	BATHOW	G	2- 890	STARKE WW.	4
BARTOLD DI	B	3-2570	OPT.EIG.FK	73640	BASILE	G	5-1511	POLYMERE	53535			4- 640	MASER, LASER	2
		5-2671	OPT.EIG.FK	73625	P		11- 711	ELEMENTART.	41546	BATIFOL	E	4- 648	MASER, LASER	2
		8-2607	OPT.EIG.FK	73635	BASILOVA	RN	6-1070	KERNREAKTIO	43054			5-2622	FK-SPEKTREN	7
		9-2409	FK-SPEKTREN	73325	BASINSKI	J	2-2377	HALBLEITER	71563			5-2623	FK-SPEKTREN	7
		9-2593	OPT.EIG.FK	73640			3-2417	HALBLEITER	71563			6- 972	KERNSEKTR.	4
BARTON	D	9- 251	MECHANIK	22010	ZS		4- 49	TAGUNGEN	10560	BATIST	LK	12-2279	KRIST.FEHL.	6
	DM	5-1183	KERNREAKTIO	43092			6-2034	MECH.EIG.FK	66518	BATIST DE	R	3- 780	STARKE WW.	4
	B	5- 995	KERNSTRUKT.	42010			6-2066	MECH.EIG.FK	66556	BATON	JP	4- 929	STARKE WW.	4
		6- 717	ELEMENTART.	41572			12-2150	KRISTALLE	65570			11- 887	STARKE WW.	4
	HQ	10- 788	BESCHLEUNIG	41020	BASKOVA	KA	11-1102	KERNSEKTR.	42555	BATRA	AP	2-1744	KRIST.FEHL.	6
	PW	12-2204	KRISTALLE	65588	BASOV	NG	1- 554	MASER,						

BATTLES - BEENAKKER

TTLES	JW	3- 470 HF-TECHNIK	27560	BAXTER	RJ	11- 185 STATISTIK	17526	BECHER	HJ	12-1579 MOLEKUELE	52510
TTLESON	K	5- 56 UNTERRICHT	12040	BAYARD	RT	4-1227 KERNREAKTIO	43048	BECHERER	G	6-1626 FLUESSIGK.	58520
TY	CJ	11-1253 KERNREAKTIO	43052	BAYBALUTOV	RB	11-3350 MAGNETOSPH.	91260	R	12- 887 BESCHLEUNIG	41010	
URICHEVA	ZB	3-2579 OPT.EIG.FK	73655	BAYBULATOV	RB	8-2813 IONOSPHERE	91074	RJ	7- 674 PHYS.OPTIK	29010	
USOV	YA	5- 901 STARKE WW.	41735	BAYER	E	7- 299 ELASTIZIT.	22520	BECK	AC	2- 564 OPT.INSTRUM	28595
		8- 976 STARKE WW.	41735		J	3-1671 KRISTALLE	65572	DE	3-1543 FLUESSIGK.	58525	
		8- 977 STARKE WW.	41735		PD	6-2007 MECH.EIG.FK	66500	G	5- 395 WAERME	24050	
		9- 825 STARKE WW.	41735		G	6-1144 KERNSTRHLG.	44010		5- 435 THERMODYN.	24530	
		10- 920 STARKE WW.	41735		VN	6- 710 ELEMENTART.	41560	H	4-1320 KERNSTRHLG.	44020	
		11- 826 STARKE WW.	41735			9- 761 ELEMENTART.	41563	JV	11-2242 THERMEIG.FK	67520	
RYGHIN	VV	12-1457 KERNSTRHLG.	44037	BAYES	KD	11-1588 MOLEKUELE	52575	JW	3-2645 DUENNE SCHI	74050	
RYGIN	VV	5-1228 KERNSTRHLG.	44030	BAYFIELD	JE	12-1547 ATOME	52065		8-1258 K-REAKTOREN	43515	
RYGOV	SK	6-2003 KRIST.FEHL.	66076	BAYLAC	MO	10-3048 STERNE	94020	K	12-2438 THERMEIG.FK	67530	
		9-2585 OPT.EIG.FK	73630	BAYLIS	WE	10-1479 ATOME	52075	PA	4-2220 LEITFHKG.FK	70024	
RYREV	VA	1-1845 KRISTALLE	65572	BAYLY	AR	1- 98 VAKUUM	13025		6-2279 MAGN.EIG.FK	69065	
		1-2445 FK-SPEKTREN	73315	BAYM	G	12-1949 FLUESSIGK.	58527		11-2503 MAGN.EIG.FK	69065	
		7-2424 FK-SPEKTREN	73325	BAYMAN	BF	1- 997 KERNSTRUKT.	42070	M	9- 8 BIOGRAPHIEN	10216	
Z	B	3- 779 STARKE WW.	41710	BAYNHAM	AC	1-2505 FK-SPEKTREN	73330	C	6-1795 KRISTALLE	65518	
BILLIER	M	4- 969 STARKE WW.	41745			12-2740 HALBLEITER	71560	E	2- 46 LABORTECHN.	12500	
		6- 750 STARKE WW.	41710	BAYS	B	7-2068 GITTERDYN.	67070		3- 583 OPT.INSTRUM	28566	
BINAS	R	9-2264 HALBLEITER	71510	BAYUKOV	GA	11-2426 MAGN.EIG.FK	69045		3- 584 OPT.INSTRUM	28566	
BICHE	J	3-1144 ATOME	52030		YD	9- 818 STARKE WW.	41725		7-2133 MAGN.EIG.FK	69000	
		12-1465 ATOME	52010	BAZ	AI	1- 636 OPT.INSTRUM	28545		9- 324 HYDRODYNAM.	23060	
CHE ARNOULT	C.					10-1185 KERNREAKTIO	43010		11- 314 HYDRODYNAM.	23060	
		12-1465 ATOME	52010	BAZAEV	YM	2- 676 BESCHLEUNIG	41030	EH	9-2168 LEITFHKG.FK	70024	
DER	U	4-1698 GASENTLADG.	57860	BAZAKUTSA	VA	7-2125 DIELEKTRIKA	68030	EW	9-1245 ATOME	52085	
		9-1524 PLASMA	57093			10-2523 PHOTOLEITG.	72510	F	4- 470 WAERME	24040	
DET	J	6-2281 MAGN.EIG.FK	69065			11-3099 DUENNE SCHI	74040		4-2830 PLANETEN	93610	
INET ROBINET	Y.			BAZAN	M	3- 563 OPT.INSTRUM	28540		7-1147 KERNREAKTIO	43005	
		8- 798 KERN-MESSG.	40565	BAZARDZAPOV	AD	4-2676 GEOMAGNET.	90430	GE	2-2448 FK-SPEKTREN	73300	
		11- 615 KERN-MESSG.	40565	BAZAROV	IP	1- 447 THERMODYN.	24536	GW	2-1335 POLYMERE	53542	
ON	J	2-1218 MOLEKUELE	52580			1-2008 THERMEIG.FK	67556	HA	5- 334 HYDRODYNAM.	23040	
		4-1409 ATOME	52065			3-1576 FLUESSIGK.	58540		5- 335 HYDRODYNAM.	23040	
		8-1338 ATOME	52060		VD	12-3199 DUENNE SCHI	74040		9- 322 HYDRODYNAM.	23050	
		12-1553 ATOME	52065	BAZHANOV	EB	1-1186 KERNREAKTIO	43024	JA	11-1047 KERNSPEKTR.	42540	
DRAND	H	1- 535 HF-TECHNIK	27540	BAZHANOVA	AE	4-1669 PLASMA	57075	JH	12-2754 HALBLEITER	71520	
QUIN	P	6-2435 HALBLEITER	71540	BAZHENOV	VA	10- 756 KERN-MESSG.	40582	JJ	11-2398 MAGN.EIG.FK	69035	
ER	AF	4-2725 LUFTHUELLE	90830		VK	12-2994 FK-SPEKTREN	73355	K	2-2902 STRAHL-BIOL	97010	
	CL	1-2288 SUPRALEITG.	70550		VV	10-1915 KRISTALLE	65518	KH	11-1588 MOLEKUELE	52575	
		4-2275 SUPRALEITG.	70550	BAZILEVSKAYA	G.A.			LC	1-1245 KERNREAKTIO	43064	
		5-2104 GITTERDYN.	67070			3-2761 KOSM.STRLG.	90633	M	11-1352 K-REAKTOREN	43510	
		9-2215 SUPRALEITG.	70520	BAZILINSKI	M	11- 424 HF-TECHNIK	27540	R	9-1219 ATOME	52065	
		12-2410 GITTERDYN.	67070	BAZIN	M	5- 971 STARKE WW.	41764	RL	10-1573 MOLEKUELE	52560	
	E	2-1703 KRISTALLE	65574	BEACH	AD	4- 664 OPT.INSTRUM	28530		11- 958 KERNSTRUKT.	42020	
		5-1728	83590	BEAGLEHOLE	D	3-2551 OPT.EIG.FK	73605	U	4- 886 ELEMENTART.	41546	
		11-2764 HALBLEITER	71580	BEAL	JW	10- 775 BESCHLEUNIG	41010		4- 897 ELEMENTART.	41563	
	G	12- 162 VAKUUM	13050	BEAL MONOD	MT	5-2313 METAL.LEITG	71010		8- 902 ELEMENTART.	41574	
		6- 707 PHYS.OPTIK	29066			7-2500 FK-SPEKTREN	73370		11- 742 ELEMENTART.	41574	
		6-2627 DUENNE SCHI	74010			10-2653 FK-SPEKTREN	73370		11- 884 STARKE WW.	41764	
		8- 720 PHYS.OPTIK	29045			11-1880 FLUESSIGK.	58557		12- 950 ELEMENTART.	41560	
		12- 559 HF-TECHNIK	27526	BEALE	JR	5-1434 MOLEKUELE	52524	W	2- 54 VAKUUM	13022	
	H	6- 48 MESSEN	12250	BEALL	EF	12- 943 ELEMENTART.	41550		11- 62 VAKUUM	13022	
	HH	4-1812 FLUESSIGK.	58565			12-1029 STARKE WW.	41730	WM	1-2325 HALBLEITER	71520	
	HJ	2-2173 MAGN.EIG.FK	69040		GH	2-2708 ERDKOERPER	90295		7-2315 HALBLEITER	71520	
	LO	9-1515 PLASMA	57085	BEAM	JE	1- 973 KERNSTRUKT.	42010		12-2752 HALBLEITER	71520	
	RW	7-2578 DUENNE SCHI	74010			7-1053 KERNSPEKTR.	42535	BECKERS	JM	1- 711 PHYS.OPTIK	29083
	SH	10-1513 MOLEKUELE	52514	BEAN	BR	3- 635 PHYS.OPTIK	29053		12-3384 SONNENPHYS.	93310	
	SJ	9-2726 GEOMAGNET.	90440	BEAR	KE	1-2598 DUENNE SCHI	74010	BECKERT	D	4-1794 FLUESSIGK.	58546
ERLE	JE	12-3366 IONOSPHERE	91060	BEARD	JL	10-1344 K-REAKTOREN	43515		6-1362 POLYMERE	53550	
GH	DJ	10-1881 FLUESSIGK.	58568		DB	8-2827 MAGNETOSPH.	91280	BECKEY	HD	8- 526 TEILCH.OPT.	27040
	E	1-1225 KERNREAKTIO	43054			10-2950 MAGNETOSPH.	91280		12- 387 ELASTIZIT.	22510	
	WA	12- 456 HYDRODYNAM.	23060		GB	1-1111 KERNSPEKTR.	42560	BECKLIN	EE	10-3071 KOSM.PHYSIK	94510
MAN	CA	9-2828 ASTROPHYSIK	93020			3-1631 FK-SPEKTREN	73310	BECKMAN	JE	1-2803 PLANETEN	93610
	CA	1-2489 FK-SPEKTREN	73330	BEARDMORE	P	12-1259 KERNSPEKTR.	42560		9-2880 PLANETEN	93614	
	RP	10-2141 GITTERDYN.	67040			1-1886 KRIST.FEHL.	66035	L	2- 651 KERN-MESSG.	40542	
MANN	CA	8- 790 KERN-MESSG.	40555	BEARDSLEY	RJ	8-1551 PLASMA	57010	O	5-1845 DISP.SYST.	59530	
	F	2-2570 DUENNE SCHI	74010		G.F.				8-2198 MAGN.EIG.FK	69050	
		7-2244 LEITFHKG.FK	70072	BEARMAN	RJ	8- 721 PHYS.OPTIK	29045		8-2269 LEITFHKG.FK	70028	
	FC	2-1927 THERMEIG.FK	67520			3-1582 FLUESSIGK.	58546	BECKMANN	KH	10-2503 HALBLEITER	71580
		6-2113 THERMEIG.FK	67520			7-1664 GASE	58040		7- 694 PHYS.OPTIK	29045	
	G	2- 830 STARKE WW.	41748	BEARSE	RC	8-1116 KERNSPEKTR.	42545		7-2797 IONOSPHERE	91072	
		4-1024 STARKE WW.	41783			10-1095 KERNSPEKTR.	42545	BECKNER	EH	4-2369 HALBLEITER	71570
		5- 928 STARKE WW.	41750	BEASLEY	CO	11-1051 KERNSPEKTR.	42545	BECKURTS	KH	1-1305 KERNSTRHLG.	44010
		6- 702 ELEMENTART.	41546	BEATON	W	11-1724 PLASMA	57055	BECKWITH	P	12-2571 MAGN.EIG.FK	69060
		7- 925 STARKE WW.	41730	BEATTIE	AR	5-1770 FLUESSIGK.	58540	BECLC	C	11-2463 MAGN.EIG.FK	69060
		7-2448 FK-SPEKTREN	73330		DD	2-2236 LEITFHKG.FK	70060	BECEY	JG	8- 636 OPT.INSTRUM	28535
		11- 930 STARKE WW.	41790			9- 369 WAERME	24030	BEDA	AG	6-2159 DIELEKTRIKA	68050
	H	12-1813 PLASMA	57085	BEAUBOUF	RT	5-1793 FLUESSIGK.	58555	BEDARD	FD	8-2376 HALBLEITER	71520
	K	7- 825 BESCHLEUNIG	41010	BEAUCHEMIN	G	2-1153 ATOME	52024				
	M	7-2335 HALBLEITER	71540	BEAUDET	G	9-2939 STERNE	94040		G	4- 780 KERN-MESSG.	40510
		9-1187 ATOME	52030		PR	7-2381 PHOTOLEITG.	72500		5- 631 OPT.INSTRUM	28550	
		11-1425 ATOME	52040	BEAUDOIN	PE	2-2754 LUFTHUELLE	90840		5- 631 OPT.INSTRUM	28550	
	NP	12-1348 KERNREAKTIO	43048	BEAUGRAND	C	6- 339 ELEKTRIZIT.	26060	BEDARIDA	F	5-1852 KRISTALLE	65514
BERGER	C	1-2237 HALBLEITER	71530	BEAUME	R	5-1730 GASE	58060	BEDENBAUGH	W	7- 816 KERN-MESSG.	40584
		6-2151 DIELEKTRIKA	68030	BEAUMEVIELLE	H.			BEDER	DS	3- 791 STARKE WW.	41725
EL	P	11- 893 STARKE WW.	41767			2-1064 KERNREAKTIO	43064	EC	12-1672 MOLEKUELE	52570	
GAERTNER	F	4- 43 TAGUNGEN	10540			2-1066 KERNREAKTIO	43064		6-1239 ATOME	52070	
		6- 31 BUECHER	11000			2-1067 KERNREAKTIO	43064	BEDERSON	B	6-1239 ATOME	52070
	G	1-1236 KERNREAKTIO	43060			5-1168 KERNREAKTIO	43075	BEDSEF	MP	3- 693 KERN-MESSG.	40540
	M	6- 572 KERN-MESSG.	40520			7-1064 KERNSPEKTR.	42540	BEDSFORD	D	8- 206 QUANTENTHEO	16553
GARTL	BJ	10- 271 STATISTIK	17540			10-1285 KERNREAKTIO	43064	RE	9- 356 WAERME	24010	
GARTNER	E	4-1255 KERNREAKTIO	43062			11-1292 KERNREAKTIO	43060	BEDINGER	JF	10-2890 LUFTHUELLE	90840
		4-1256 KERNREAKTIO	43062		MH	12-1372 KERNREAKTIO	43064	BEDNAR	M	12-1071 STARKE WW.	41753
		3- 421 TEILCH.OPT.	27068	BEAUMEVIELLE	H	1-1077 KERNSPEKTR.	42545	BEDNARCZYK	H	7- 308 HYDRODYNAM.	23000
	ER	1-1826 FK-SPEKTREN	73310	BEAUMONT	JH	3-2027 DIELEKTRIKA	68000	J	11-2498 MAGN.EIG.FK	69060	
		5-1891 FK-SPEKTREN	73310	BEAUPRE	J	7- 968 STARKE WW.	41755	BEDROSSIAN	P	9- 969 KERNSPEKTR.	42560
		7-1118 KERNSPEKTR.	42565					T	6-1920 KRIST.FEHL.	66035	
		11-1130 KERNSPEKTR.	42565	BEAUREGARD	COSTA DE O.	5- 472 ELEKTRODYN.	26510	BEDYNSKA	JL	8-2243 LEITFHKG.FK	70022
		11-2821 FK-SPEKTREN	73310			5- 474 ELEKTRODYN.	26530	BEEBY		10-2273 MAGN.EIG.FK	69030
	WL	8-2459 FK-SPEKTREN	73315	BEAUREGARD	DE O.C.					10-2805 GRENZFL.FK	74520
	G	3-2568 OPT.EIG.FK	73625			3- 405 ELEKTRODYN.	26510	BEEGLE	LC	7-1849 KRISTALLE	65588
	H	3-1998 THERMEIG.FK	67556			11- 373 ELEKTRODYN.	26500			10-2509 THERMOELEKT	72010
RMANN	E	3- 35 BUECHER	11000	BEAUWENS	R	12-1421 K-REAKTOREN	43515	BEEK VAN	HF	3- 933 KERNSPEKTR.	42545
SCH	R	1- 113 QUANTENTHEO	16526	BEAVITT	AR	3-2616 DUENNE SCHI	74010	BEEKENKAMP	P	9-1663 FLUESSIGK.	58530
		5- 152 QUANTENTHEO	16523			4-2342 DUENNE SCHI	74010	BEEKHUIS	H	7-1110 KERNSPEKTR.	42560
		4-2395 PHOTOLEITG.	72510			9- 79 VAKUUM	13013	BEELLEN VAN	H	2-2294 SUPRALEITG.	70520
SER	H	12-2336 MECH.EIG.FK	66514	BEBB	HB	8-2431 PHOTOLEITG.	72500			3-2304 SUPRALEITG.	70520
WENS	JC	7-2449 FK-SPEKTREN	73330	BEBEL	D	11- 934 KERNSTRUKT.	42010	BEEMAN	D	10-2616 FK-SPEKTREN	73370
EREZ	TV	3-1883 MECH.EIG.FK	66545	BEBIE	H	4- 856 ELEMENTART.	41510	BEENAKKER	JJM	1- 434 THERMODYN.	24510
INA						11- 865 STARKE WW.	41753			2-1504 GASE	58025
TER	AM	10-1286 KERNREAKTIO	43064			12-1651 MOLEKUELE	52553			3-1496 GASE	58025
		11-1301 KERNREAKTIO	43064	BECCONSALL	JK	4-10					

BEENAKKER	JJM	7-1660	GASE	58025	BELL	GI	9-1107	K-REAKTOREN	43515	BELOUSOV	VI	8-1372	ATOME	5	
		10-1800	GASE	58095		GM	1-1855	KRISTALLE	65582		VM	4-359	ELASTIZIT.	2	
		10-1801	GASE	58095			11-1941	FLUESSIGK.	58565			11-2862	GK-SPEKTREN	7	
		10-1802	GASE	58095			11-2350	MAGN.EIG.FK	69025		VN	3-1478	GASENTLADG.	5	
		12-1917	GASE	58025		JF	11-32	BUECHER	11020	BELOUSOVA	IM	1-556	MASER,LASER	213	
BEER	AC	5-2496	HALBLEITER	71566		JS	2-154	QU.FELDTHEO	17010			1-592	MASER,LASER	213	
	D	12-2235	KRIST.FEHL.	66025			3-847	STARKE WW.	41764			12-642	MASER,LASER	213	
	GA	6-922	KERN-SPEKTR.	42540			6-712	ELEMENTART.	41563		LE	1-1653	PLASMA	5	
		8-1195	KERNREAKTIO	43034			11-737	ELEMENTART.	41566		VA	6-1764	FLUESSIGK.	5	
		8-1196	KERNREAKTIO	43034			11-890	STARKE WW.	41764		VV	7-1797	KRISTALLE	6	
		11-1035	KERN-SPEKTR.	42540		KL	2-1146	ATOME	52010	BELOV	GY	4-2051	THERMEIG.FK	6	
	M	2-1042	KERNREAKTIO	43048			2-1163	ATOME	52040		KP	7-2185	MAGN.EIG.FK	6	
		8-1200	KERNREAKTIO	43040			6-1216	PLASMA	57010			10-2238	MAGN.EIG.FK	6	
		10-1229	KERNREAKTIO	43046			9-1231	ATOME	52070			12-2576	MAGN.EIG.FK	6	
	O	10-1275	KERNREAKTIO	43058			9-1375	MOLEKUELE	52575		NV	2-1664	KRISTALLE	6	
		11-1149	KERN-SPEKTR.	42570			10-1448	ATOME	52065			2-1706	KRISTALLE	6	
	R	6-473	OPT.INSTRUM	28545			10-1468	ATOME	52070			3-1663	KRISTALLE	6	
		6-2854	ASTROPHYSIK	93020			10-1469	ATOME	52070			5-1929	KRISTALLE	6	
	SZ	10-2605	FK-SPEKTREN	73340		MB	1-2782	ASTROPHYSIK	93020			6-1855	KRISTALLE	6	
BEERS	JS	2-530	OPT.INSTRUM	28545		RA	12-1146	KERNSTRUKT.	42010			6-1856	KRISTALLE	6	
BEESON	PM	8-587	MASER,LASER	28045		RAI	8-1110	KERN-SPEKTR.	42540			8-1907	KRISTALLE	6	
BEG	MAB	5-875	STARKE WW.	41720			8-1124	KERN-SPEKTR.	42545		VA	3-1514	GASE	5	
		10-826	ELEMENTART.	41510		RB	4-1015	STARKE WW.	41773			6-1417	PLASMA	5	
BEGEMANN	SHA	5-2058	MECH.EIG.FK	66556			6-839	STARKE WW.	41773			9-1605	GASE	5	
BEGHAIN	LE	1-1302	KERNSTRHLG.	44010			11-893	STARKE WW.	41767		VF	2-1662	FK-SPEKTREN	7	
BEGLOV	BI	6-2453	HALBLEITER	71563		RE	11-584	KERN-MESSG.	40518			2-2020	FK-SPEKTREN	7	
BEGUM	GA	12-2543	MAGN.EIG.FK	69030		RJ	1-2410	HALBLEITER	71580			8-2452	FK-SPEKTREN	7	
BEGUN	NH	5-1820	FLUESSIGK.	58570			5-1244	ATOME	52010			9-2375	FK-SPEKTREN	7	
BEGUNOV	AA	10-440	WAERME	24070			6-2575	OPT.EIG.FK	73605	BELOVA	AM	9-406	GASE	5	
BEGZHANOV	KB	6-913	KERN-SPEKTR.	42550			8-2288	LEITFHGK.FK	70056	BELOVINTSEV	KA	6-643	BESCHLEUNIG	4	
BEHANNON	RW	10-2948	MAGNETOSPH.	91280			12-314	STATISTIK	17523	BELOZEROV	VV	4-2568	DUENNE SCHI	7	
		12-3422	PLANETEN	93650			12-2904	FK-SPEKTREN	73330	BELOZERSKII	GN	4-1168	KERN-SPEKTR.	4	
BEHN	A	11-1918	FLUESSIGK.	58546		RL	7-2665	GRENZFL.FK	74560	BELSON	HS	6-2284	MAGN.EIG.FK	6	
BEHOFF	AF	7-1003	KERNSTRUKT.	42010			11-3197	GRENZFL.FK	74570	BELTON	MJS	7-2864	PLANETEN	9	
BEHR	A	2-1795	KRIST.FEHL.	66065		RO	10-2538	FK-SPEKTREN	73310			8-2874	PLANETEN	9	
		7-1954	KRIST.FEHL.	66065		SJ	11-3448	KOSM.PHYSIK	94550			4-191	QUANTENTHEO	1	
BEHREND	HJ	11-754	ELEMENTART.	41576	BELLAC	LE	8-498	STARKE WW.	41725	BELTRAMETTI	EG	12-192	QUANTENTHEO	1	
BEHRENS	E	4-452	AKUSTIK	23540		M	8-240	QUANTENTHEO	16582	BELOSOVA	IM	11-1666	PLASMA	5	
		4-2034	GITTERDYN.	67060			3-860	STARKE WW.	41767	BELVAUX	Y	2-555	OPT.INSTRUM	2	
		1-1042	KERN-SPEKTR.	42530	BELLAMY	EH	6-767	STARKE WW.	41725			3-586	OPT.INSTRUM	2	
		6-582	KERN-MESSG.	40527			10-968	STARKE WW.	41760			3-595	OPT.INSTRUM	2	
		8-1095	KERN-SPEKTR.	42515			10-2047	KRIST.FEHL.	66062			3-612	PHYS.OPTIK	2	
		3-863	STARKE WW.	41767		JC	3-2788	LUFTHUELLE	90820	BELY	LI	4-694	OPT.INSTRUM	2	
BEHRINGER	K	1-1272	KERNREAKTIO	43092	BELLARBY	PW	10-2298	MAGN.EIG.FK	69050		D	7-2546	OPT.EIG.FK	7	
BEHRISCH	R	6-625	BESCHLEUNIG	41000	BELLAU	RV	2-2279	SUPRALEITG.	70530			1-1427	ATOME	5	
		11-2031	KRISTALLE	65578			4-2855	SUPRALEITG.	70520			1-1428	ATOME	5	
BEHRNDT	KH	4-661	OPT.INSTRUM	28520			4-2300	SUPRALEITG.	70530			8-1553	PLASMA	5	
		4-2561	DUENNE SCHI	74020	BELLCHAMBERS	W.H.	3-2833	IONOSPHAERE	91072			10-1431	ATOME	5	
BEIER	EW	3-742	ELEMENTART.	41546			3-2833	IONOSPHAERE	91072			10-1463	ATOME	5	
	HJ	2-391	ELEKTRODYN.	26520	BELLE	ML	3-2362	HALBLEITER	71510	BELYAEV	AI	10-1909	KRISTALLE	6	
	M	6-29	TAGUNGEN	10580		TS	8-414	AKUSTIK	23510		BM	9-955	KERN-SPEKTR.	4	
BEIGLBOECK	W	6-2996	BIOPHYSIK	96000	BELLEMANN	H	4-148	LABORTECHN.	12570			9-981	KERN-SPEKTR.	4	
BEIGMAN	IL	2-214	FELDTHEORIE	18042			12-872	KERN-MESSG.	40584			12-1278	KERN-SPEKTR.	4	
		8-602	MASER,LASER	28055	BELLEMANS	A	1-2015	DIELEKTRIKA	68020		FN	6-590	KERN-MESSG.	4	
		8-1362	ATOME	52070			2-1952	THERMEIG.FK	67556		LM	4-2488	OPT.EIG.FK	7	
BEILIN	PB	12-939	ELEMENTART.	41546			6-2070	GITTERDYN.	67000			5-2152	DIELEKTRIKA	6	
	VM	9-1921	MECH.EIG.FK	66514	BELLEN	MORANTE	A.	11-201	STATISTIK	17530		1-1220	KERNREAKTIO	4	
BEINAR	KS	1-2663	GRENZFL.FK	74566			6-1116	K-REAKTOREN	43510		VA	2-1516	GASE	5	
BEINER	J	7-904	STARKE WW.	41725			7-1252	K-REAKTOREN	43510		AA	10-1429	ATOME	5	
	M	6-875	KERNSTRUKT.	42020	BELLHOUSE	BJ	2-261	HYDRODYNAM.	23020		AI	9-2567	OPT.EIG.FK	7	
		6-876	KERNSTRUKT.	42020	BELLIARDO	JJ	1-1436	ATOME	52085		IF	6-2795	KOSM.STRLG.	9	
BEISEL	H	3-764	ELEMENTART.	41574	BELLICARD	J	10-1211	KERNREAKTIO	43036			11-3267	KOSM.STRLG.	9	
BEISER	L	7-729	PHYS.OPTIK	29088			10-1212	KERNREAKTIO	43038	BELYAEVSKII	AI	2-2846	PLANETEN	9	
		11-556	PHYS.OPTIK	29055		JB	1-1199	KERNREAKTIO	43038			2-2847	PLANETEN	9	
		12-595	MASER,LASER	28040			4-1205	KERNREAKTIO	43034	BELYAIKIN	GA	11-10	BIOGRAPHIEN	1	
BEISTER	G	1-470	ELEKTIZIT.	26060			4-1208	KERNREAKTIO	43036	BELYAKOV	BM	6-2429	HALBLEITER	7	
BEK	VI	12-160	VAKUUM	13030			6-953	KERN-SPEKTR.	42555		LV	8-2057	MECH.EIG.FK	6	
BEKAURI	PI	1-1512	MOLEKUELE	52547			10-1209	KERNREAKTIO	43034		VA	9-817	STARKE WW.	4	
BEKEFI	G	2-2496	FK-SPEKTREN	73335	BELLIN	JLS	3-343	AKUSTIK	23570			11-1014	KERN-SPEKTR.	4	
		6-2549	FK-SPEKTREN	73335	BELLING	JA	9-1212	ATOME	52060	BELYANIN	AN	6-2163	DIELEKTRIKA	6	
		11-1745	PLASMA	57080	BELLINI	G	2-789	STARKE WW.	41725		VB	12-55	TAGUNGEN	1	
BEKESY VON	G	7-2967	SEHEN	96614			10-904	STARKE WW.	41725	BELYATSKAS	RP	5-2130	THERMEIG.FK	6	
BEKETOV	GV	12-838	KERN-MESSG.	40555	BELLMAN	R	2-30	BUECHER	11010	BELYEV	LM	2-471	MASER,LASER	2	
BEKRIAN	A	5-1677	PLASMA	57030	BELLMANN	R	10-1353	K-REAKTOREN	43515	BELYKH	GV	4-1226	KERNREAKTIO	4	
BEKTURGANDV	K	6-618	KERN-MESSG.	40582	BELLOT	M	8-2872	PLANETEN	93610	BELZONS	M	1-2638	DUENNE SCHI	7	
		12-856	KERN-MESSG.	40582	BELLOTTI	E	12-693	OPT.INSTRUM	28566	BEM	P	10-1289	KERNREAKTIO	4	
BEL	L	1-268	FELDTHEORIE	18040	BELNICK	AR	7-860	ELEMENTART.	41546	BEN	ARYEH	Y	4-1475	MOLEKUELE	5
		2-206	FELDTHEORIE	18020			2-1569	FLUESSIGK.	58546	BEN	DAVID	G	3-111	MATH.PHYSIK	1
		6-216	FELDTHEORIE	18042			4-2530	FK-SPEKTREN	73325	BEN	NAIM	A	9-1695	FLUESSIGK.	5
		7-259	FELDTHEORIE	18020			6-1280	MOLEKUELE	52516			10-1875	FLUESSIGK.	5	
	N	8-1653	PLASMA	57090	BELOMYTSEV	SY	7-2718	GEOMAGNET.	90470	BEN	REUVEN	A	1-1489	MOLEKUELE	5
BELAN	NV	8-1683	PLASMA	57270	BELONGEY	M	12-434	HYDRODYNAM.	23030	BEN	ZVI	I	1-1038	KERN-SPEKTR.	4
	VG	10-475	ELEKTIZIT.	26030	BELORIZKY	E	1-2068	FK-SPEKTREN	73355	BENAKSAS	D	2-727	ELEMENTART.	4	
	VR	8-608	MASER,LASER	28060			1-2156	MAGN.EIG.FK	69065			7-883	ELEMENTART.	4	
		9-499	MASER,LASER	28040	BELOSTOTSKII	B.R.	8-582	MASER,LASER	28040			12-1322	KERNREAKTIO	4	
BELAVIN	AA	1-792	ELEMENTART.	41540			9-515	MASER,LASER	28045	BENAROYA	R	9-2244	SUPRALEITG.	7	
		11-712	ELEMENTART.	41546	BELOTE	TA	1-1255	KERNREAKTIO	43075	BENARY	O	5-902	STARKE WW.	4	
BELBOECH	B	5-1925	KRISTALLE	65584			3-932	KERN-SPEKTR.	42545	BENATTAR	R	1-1673	PLASMA	5	
BELEKHOVA	NG	3-2815	LUFTHUELLE	90890			3-1086	KERNREAKTIO	43075			1-1674	PLASMA	5	
BELENYAYA	BN	9-2819	MAGNETOSPH.	91250			5-1048	KERN-SPEKTR.	42545	BENAYOUN	M	5-829	ELEMENTART.	4	
BELENKI	IM	5-320	HYDRODYNAM.	23020			6-926	KERN-SPEKTR.	42545			11-756	ELEMENTART.	4	
BELENKII	GL	12-3118	OPT.EIG.FK	73625			7-1076	KERN-SPEKTR.	42545	BENBADIS	H	4-2808	ASTROPHYSIK	9	
BELENKY	OL	9-2351	PHOTOLEITG.	72510			8-1129	KERN-SPEKTR.	42545	BENCA	VM	8-2709	GRENZFL.FK	7	
BELENOV	AI	8-110	LABORTECHN.	12515			8-1130	KERN-SPEKTR.	42545	BENCZE	G	2-114	QUANTENTHEO	1	
BELENSOV	PE	7-1599	PLASMA	57235			8-1137	KERN-SPEKTR.	42550	BENCZER	KOLLER	N.	11-1074	KERN-SPEKTR.	4
BELEUTA	L	5-1998	KRIST.FEHL.	66065			10-1098	KERN-SPEKTR.	42545	BENDA	S	2-616	PHYS.OPTIK	2	
BELEVITCH	V	7-2604	DUENNE SCHI	74040			10-1299	KERNREAKTIO	43075	BENDANIEL	DJ	3-2428	HALBLEITER	7	
		8-553	HF-TECHNIK	27540	BELOUS	MV	4-2582	DUENNE SCHI	74040	BENDER	CF	3-1203	MOLEKUELE	5	
BELEZNAY	R	10-2493	HALBLEITER	71566			8-2645	DUENNE SCHI	74030			5-1361	MOLEKUELE	5	
BELFORD	FL	9-2429	FK-SPEKTREN	73330			11-3								

BENE - BERMAN

B	3-1148	ATOME	52035	BENSON	SW	9-1356	MOLEKUELE	52575	BERGER	G	2-1854	MECH.EIG.FK	66550	
	6-1367	FLUESSIGK.	58557	BENSOUSSAN	M	6-2180	FK-SPEKTREN	73370		H	10- 529	HF-TECHNIK	27530	
	12- 576	HF-TECHNIK	27560	BENSOUSSAN	A	3-1471	GASENTLADG.	57870			10- 530	HF-TECHNIK	27530	
GJ	3-2049	FK-SPEKTREN	73370	BENT	GD	6-1208	ATOME	52065		J	12- 535	ELEKTRODYN.	26530	
	6-1716	FLUESSIGK.	58557			7-1336	ATOME	52065			2-1265	OPT.INSTRUM	28530	
DEK	12-1649	MOLEKUELE	52550			7-1400	MOLEKUELE	52524			3- 678	KERN-MESSG.	40522	
G	3-1905	GITTERDYN.	67010		RB	9-1376	MOLEKUELE	52575			3- 798	STARKE WW.	41725	
	11-2876	FK-SPEKTREN	73330		RD	5-2917	PLANETEN	93655			4-2853	STERNE	94020	
	12-2330	MECH.EIG.FK	66514			12-1201	KERN-SPEKTR.	42540		L	8-2359	METAL.LEITG	71010	
DETTI DE E	8-1934	KRIST.FEHL.	66025	BENTLE	BG	6-1936	KRIST.FEHL.	66035		R	10-1836	FLUESSIGK.	58530	
DETTI MICHE	LANGELEI G.			BENTON	A	10- 807	BESCHLEUNIG	41030		RL	10- 430	WAERME	24040	
	10-3645	OPT.INSTRUM	28545		ER	8- 396	HYDRODYNAM.	23060			11- 331	WAERME	24026	
EDICK	WB	10-1728	PLASMA		EV	11-3245	KOSM.STRLG.	90610			11-1875	FLUESSIGK.	58510	
EDICT	WS	4-2833	PLANETEN		VM	2-2433	PHOTOLEITG.	72510		SB	11-2948	FK-SPEKTREN	73370	
		7-2841	SonnenPHYS.			11-3188	GRENZFL.FK	74563			11-2964	FK-SPEKTREN	73370	
EDIKTOV	EA	10-2881	KOSM.STRLG.		BENTZ	HA	2-1014	KERNREAKTIO	43034	TL	12-2355	MECH.EIG.FK	66545	
ENSON	DM	2-1489	GASENTLADG.		BENVENISTE	J	8-1237	KERNREAKTIO	43080	WG	3-1656	FK-SPEKTREN	73370	
	5-1153	KERNREAKTIO	43052		BENVENUTI	A	9- 864	STARKE WW.	41762					
ESCH	R	4-1717	PLASMA		BENZU	V	4-1211	KERNREAKTIO	43040	BERGERON	CJ	7-2309	HALBLEITER	71510
EVENTANO M	10- 873	ELEMENTART.	41574	BERAN	M	9- 599	PHYS.OPTIK	29020		HE	1- 720	KERN-MESSG.	40510	
EVESDES SOARES P.					MJ	12- 80	BUECHER	11020			6-2783	KOSM.STRLG.	90640	
	11-3224	ERDKOERPER	90240		RJ	6-2755	GEOMAGNET.	90430		JE	12-1835	PLASMA	57093	
FATTO	G	9- 783	ELEMENTART.		BERANGER	Z	12-2241	KRIST.FEHL.	66025	BERGEVIN DE F	8-2111	THERMEIG.FK	67510	
FORD	G	10-2391	LEITFHKG.FK		BERANT	2	12-1284	KERN-SPEKTR.	42570		9-2080	MAGN.EIG.FK	69010	
	J	11-1801	PLASMA		BERAUD	R	1-1084	KERN-SPEKTR.	42550		10-1988	KRISTALLE	65584	
FI	H	6- 322	ELEKTIZIT.				7-1095	KERN-SPEKTR.	42550	BERGGREN	KF	2-2178	LEITFHKG.FK	70010
FIZELIUS A		10-2023	KRIST.FEHL.				7-1130	KERN-SPEKTR.	42565		12-2354	MECH.EIG.FK	66545	
FAM	BP	12-1769	PLASMA				10-1113	KERN-SPEKTR.	42550		MJ	9-2439	FK-SPEKTREN	73330
FAN	DB	12-2428	THERMEIG.FK				10-1114	KERN-SPEKTR.	42550		T	8-1183	KERNREAKTIO	43008
FISZ	J	2-1080	KERNREAKTIO		BERBENTE	C	9- 323	HYDRODYNAM.	23050	BERGH VAN DEN S.		7-2953	KOSM.PHYSIK	94586
	12-1409	KERNREAKTIO	43092		BERBERIAN	J	5-1803	FLUESSIGK.	58562			8-2975	KOSM.PHYSIK	94530
FAMIN	JA	9- 698	BESCHLEUNIG		BERCAW	RW	7-1234	KERNREAKTIO	43080	BERGHUIS	AMD	6-1308	MOLEKUELE	52516
	PW	11- 574	KERN-MESSG.		BERCES	T	9- 411	THERMODYN.	24554	BERGIA	S	7- 888	ELEMENTART.	41586
	RW	7-1175	KERNREAKTIO		BERCHA	DM	3-2512	FK-SPEKTREN	73330			9- 786	ELEMENTART.	41583
	TB	4- 414	HYDRODYNAM.		BERDOWSKI	W	7-1307	ATOME	52027	BERGKVIST	KE	6- 583	KERN-MESSG.	40532
		4- 423	HYDRODYNAM.				11- 403	HF-TECHNIK	27523	BERGLUND	CN	8-2468	FK-SPEKTREN	73325
		11- 323	HYDRODYNAM.				12-1552	ATOME	52065	BERGLUNG	P	11-2153	KRIST.FEHL.	66076
KIRAME	M	1-1781	FLUESSIGK.		BEREGI	P	10-1059	KERN-SPEKTR.	42525	BERGMAN	A	2-2223	LEITFHKG.FK	70053
KOYA	NP	4-2773	IONOSPHERE		BEREND	GC	9-1356	MOLEKUELE	52575		JG	11-2452	MAGN.EIG.FK	69060
K	J	8-1108	KERN-SPEKTR.			FA	3- 761	ELEMENTART.	41574		D	9- 970	KERN-SPEKTR.	42560
KEMANN	KH	3-2105	MAGN.EIG.FK				6- 696	ELEMENTART.	41546	BERGMANN	D	4-1766	FLUESSIGK.	58525
		4- 200	QUANTENTHEO				7- 854	ELEMENTART.	41546		G	10-2471	HALBLEITER	71530
		4-2303	SUPRALEITG.				7- 878	ELEMENTART.	41574		K	5-1495	MOLEKUELE	52553
		10-2166	THERMEIG.FK				7- 879	ELEMENTART.	41574			10-1597	MOLEKUELE	52585
NERT	W	4-1835	DISP.SYST.		BERENDT	G	4- 180	QUANTENTHEO	16516		O	3- 248	FELDTHEORIE	18200
NETT	AJ	1-2257	SUPRALEITG.		BERENYI	C	10- 609	MASER,LASER	28055		SM	8- 56	UNTERRICHT	12025
		1-2399	HALBLEITER			D	1-1030	KERN-SPEKTR.	42515			9- 492	MASER,LASER	28035
		1-2652	GRENZFL.FK				1-1120	KERN-SPEKTR.	42560	BERGQVIST	I	9-1015	KERNREAKTIO	43040
		5-2352	LEITFHKG.FK				8- 767	KERN-MESSG.	40530	BERGSTEN	A	4-2059	THERMEIG.FK	67550
							8-1121	KERN-SPEKTR.	42545		L	12-2780	HALBLEITER	71530
							11-1016	KERN-SPEKTR.	42515			5- 621	OPT.INSTRUM	28540
					BERES	WP	12-1241	KERN-SPEKTR.	42555			7-2256	SUPRALEITG.	70510
					BERESNEV	BI	11-2185	MECH.EIG.FK	66545			11- 503	OPT.INSTRUM	28545
					BERESTETSKII V.B.		10- 29	BIOGRAPHIEN	10216	BERGSTRESSER T.K.		3-2000	DIELEKTRIKA	68020
							2- 989	KERN-SPEKTR.	42565			7-2211	LEITFHKG.FK	70028
					BERESTOVOI	AM	11-1122	KERN-SPEKTR.	42560	BERGSTROEM Y		9-1876	KRIST.FEHL.	66035
							4-2172	MAGN.EIG.FK	69045	BERISHVILI GP		6-2764	GEOMAGNET.	90440
					BERETKA	J	2- 814	STARKE WW.	41740	BERJOT	M	5-1254	ATOME	52065
					BERETVAS	A	5-1009	KERNSTRUKT.	42040			11-1551	MOLEKUELE	52540
					BEREZDIVIN R		5-2040	MECH.EIG.FK	66545			12-1639	MOLEKUELE	52540
					BEREZHNKOVA GV		12-1148	KERNSTRUKT.	42010	BERK	HL	5-1572	PLASMA	57055
					BEREZHNKOVA YA		7-1202	KERNREAKTIO	43060			7- 123	MATH.PHYSIK	16020
					BEREZHNKOVA YA		11-1296	KERNREAKTIO	43060			7-1576	PLASMA	57085
					BEREZHNKOVA YA		6-2100	GITTERDYN.	70606			9-1475	PLASMA	57055
					BEREZNIKOV	DD	10-2033	KRIST.FEHL.	66030			12-1786	PLASMA	57070
					BEREZIN	AA	12-2260	KRIST.FEHL.	66030		J	10- 776	BESCHLEUNIG	41010
						AK	9-1528	PLASMA	57093	BERKELMAN	K	9- 785	ELEMENTART.	41583
						BG	8- 580	MASER,LASER	28040	BERKER	R	1- 363	HYDRODYNAM.	23040
						IA	6-1550	PLASMA	57253	BERKES	I	1-1084	KERN-SPEKTR.	42550
							10-1655	PLASMA	57020			7-1095	KERN-SPEKTR.	42550
						IY	12-1883	PLASMA	57210			7-1130	KERN-SPEKTR.	42565
						VI	2-1309	MOLEKUELE	52585			10-1113	KERN-SPEKTR.	42550
							10-1534	MOLEKUELE	52528			10-1114	KERN-SPEKTR.	42550
						VM	8-1045	STARKE WW.	41770	BERKEY	L	6-2498	PHOTOLEITG.	72510
							10- 992	STARKE WW.	41770		E	6-2891	PLANETEN	93630
					BEREZINSKY	VL	3- 239	STATISTIK	17560		FT	7-2716	GEOMAGNET.	90470
					BERG	H	10-1630	POLYMERE	53544	BERKLEY	DA	3- 500	MASER,LASER	28045
						HC	4-1832	DISP.SYST.	59530	BERKMAN	MI	10-1056	KERN-SPEKTR.	42515
							4-1833	DISP.SYST.	59530	BERKNER	KH	5-1299	ATOME	52065
							7-2961	BIOPHYSIK	96040			5-1337	ATOME	52085
						HF	3-1145	ATOME	52027			9-1217	MOLEKUELE	52575
							4-1361	ATOME	52040			9-1218	ATOME	52065
							5-1263	ATOME	52040	BERKO	S	2- 729	ELEMENTART.	41563
							5-1532	PLASMA	57017			2-1135	KERNSTRHLG.	44030
					RE	10- 468	ELEKTIZIT.	26012	BERKOOZ	O	11-2691	HALBLEITER	71530	
						11- 663	BESCHLEUNIG	41040	BERKOVSKII BP		8-1869	KRISTALLE	65545	
					TGO	12-3319	LUFTHUELLE	90820			12-2998	FK-SPEKTREN	73355	
					U	7-2409	FK-SPEKTREN	73315	BERKOWITZ	AE	11-2476	MAGN.EIG.FK	69060	
					WF	4- 36	TAGUNGEN	10535		J	7-1478	MOLEKUELE	52585	
					WT	11-2225	THERMEIG.FK	67510			9-2429	FK-SPEKTREN	73330	
							12-1971	FLUESSIGK.	58530			11-1472	ATOME	52075
BERG VAN DER C.J.							7- 526	MASER,LASER	28030	BERLAD	AL	2-1301	MOLEKUELE	52585
							6-2393	METAL.LEITG	71010	BERLAGE	HP	5-2906	PLANETEN	93600
					BERGAMASCO	L	5- 986	STARKE WW.	41780	BERLANDE	J	1-1538	PLASMA	57017
					BERGAMINI	R	7-2942	KOSM.PHYSIK	94550			2-1436	PLASMA	57017
					BERGE	BL	9-2981	KOSM.PHYSIK	94550	BERLEY	D	6- 840	STARKE WW.	41773
						P	2-2406	HALBLEITER	71585	BERLINGHIERI J.C.		10- 915	STARKE WW.	41730
							3-1785	KRIST.FEHL.	66030			7- 597	OPT.INSTRUM	28513
							5-2141	DIELEKTRIKA	68020	BERLMAN	IB	4-1145	KERN-SPEKTR.	42565
							5-2680	OPT.EIG.FK	73625	BERLOVICH	EE	6- 586	KERN-MESSG.	40532
							8-2499	FK-SPEKTREN	73340		EY	6- 903	KERN-SPEKTR.	42510
							10-1794	FLUESSIGK.	58573	BERLOVSKY	AY	4- 775	KERN-MESSG.	40503
							11-2791	PHOTOLEITG.	72510			5-1124	KERNREAKTIO	43026
							11-2859	FK-SPEKTREN	73325	BERMAN	BL	6-1030	KERNREAKTIO	43024
					BERGEN	DW	9-1087	KERNREAKTIO	43092			6-1032	KERNREAKTIO	43026
					BERGEON	R	6-2584	OPT.EIG.FK	73635			11-1194	KERNREAKTIO	43020
					BERGER	A	1-2742	LUFTHUELLE	90840			11-1202	KERNREAKTIO	43024
						C	5-2125	THERMEIG.FK	67550</					

BERMAN	LD	4- 474	WAERME	24050	BERRY	RJ	6- 296	WAERME	24023	BERZINA	IG	5-1941	KRIST.FEHL.	6	
	M	8-3035	STRAHL.BIOL	97000		RS	7-1326	ATOME	52047			6-1994	KRIST.FEHL.	6	
	R	3-1984	THERMEIG.FK	67520	BERS	A	2-2496	FK-SPEKTREN	73335			10-2013	KRIST.FEHL.	6	
		9-1654	FLUESSIGK.	58527			6-2549	FK-SPEKTREN	73335			10-2014	KRIST.FEHL.	6	
	SM	10-2111	MECH.EIG.FK	66550	BERSHADER	D	1-1669	PLASMA	57093			10-2066	KRIST.FEHL.	6	
		1- 866	STARKE WW.	41730			4-1624	PLASMA	57050	BERZING	EG	11- 449	MASER,LASER	2	
		8- 831	ELEMENTART.	41510	BERSHTEIN	IL	6- 390	MASER,LASER	28040	BERZINS	G	5- 746	KERN-MESSG.	4	
		12- 935	ELEMENTART.	41546		VA	6-1670	FLUESSIGK.	58530			5-1065	KERNSPEKTR.	4	
BERMON	S	1-2206	LEITFHGK.FK	70056	BERSIS	DS	4- 133	LABORTECHN.	12920			5-1066	KERNSPEKTR.	4	
BERMOND	J	10- 937	STARKE WW.	41748			7-2571	OPT.EIG.FK	73660			8-1153	KERNSPEKTR.	4	
BERN	JP	10- 522	HF-TECHNIK	27500	BERSUDER DE L		6-2737	GRENZFL.FK	74576	BES	DR	1- 987	KERNSTRUKT.	4	
BERNADET	HF	6- 340	ELEKTRIZIT.	26060	BERSUKER	IB	12-2190	KRISTALLE	65580			9- 909	KERNSTRUKT.	4	
BERNAL	JD	6-1650	FLUESSIGK.	58520	BERTAULT	D	10-1162	KERNSPEKTR.	42570			11- 953	KERNSTRUKT.	4	
		6-1651	FLUESSIGK.	58520		EF	1-1830	FK-SPEKTREN	73310	BESCH	HJ	1-1027	KERNSPEKTR.	4	
		8-2113	THERMEIG.FK	67556			1-1858	MAGN.EIG.FK	69010	BESENBRUCH G		1-1486	MOLEKUELE	5	
BERNAL 6.	E	12- 649	MASER,LASER	28060			1-1859	MAGN.EIG.FK	69010	BESEV	C	8- 769	KERN-MESSG.	4	
BERNARD	B	7- 114	VAKUUM	13030			2-2082	MAGN.EIG.FK	69045	BESFAMILNAYA V.A.		9-2345	PHOTOLEITG.	7	
	DL	9- 695	BESCHLEUNIG	41010			6-2265	MAGN.EIG.FK	69045			7-2067	GITTERDYN.	6	
	HW	9-1994	THERMEIG.FK	67510			8-1286	KERNSTRHLG.	44010	BESHES	DN	11-2167	MECH.EIG.FK	6	
	J	4- 849	HF-TECHNIK	27530			9-2078	MAGN.EIG.FK	69010			12-2411	GITTERDYN.	6	
	JP	12- 435	HYDRODYNAM.	23030			11-2324	MAGN.EIG.FK	69010	BESIERIS	IM	10- 493	ELEKTRODYN.	2	
	L	6-1298	MOLEKUELE	52540			11-2325	MAGN.EIG.FK	69010	BESLIU	C	1- 862	STARKE WW.	4	
		10-1552	MOLEKUELE	52540			11-2481	MAGN.EIG.FK	69060			7-1171	KERNREAKTIO	4	
		11-1551	MOLEKUELE	52540	BERTEAUD	AJ	1- 538	MASER,LASER	28000			MC	7- 916	STARKE WW.	4
		12-1639	MOLEKUELE	52540			2-2625	DUENNE SCHI	74060			T	7-1171	KERNREAKTIO	4
	MR	7- 114	VAKUUM	13030			4-2591	DUENNE SCHI	74050	BESNIER	G	5- 783	BESCHLEUNIG	4	
	MY	4- 40	TAGUNGEN	10535			11-2929	FK-SPEKTREN	73360	BESNUS	MJ	11-2421	MAGN.EIG.FK	6	
	P	2-2713	GEOMAGNET.	90430			11-3136	DUENNE SCHI	74050	BESOMRES VAILHE J.		10-1734	PLASMA	5	
	R	1- 103	VAKUUM	13030	BERTEIN	F	3- 648	PHYS.OPTIK	29070	BESPALOV	VI	7-1780	FLUESSIGK.	5	
		4- 689	OPT.INSTRUM	28566	BERTEL	KH	7-2320	HALBLEITER	71520		VJ	8- 610	MASER,LASER	2	
		5-2722	DUENNE SCHI	74040	BERTELSEN	U	4-1871	FK-SPEKTREN	73310	BESSARAB	YY	9-1528	PLASMA	5	
		7-2587	DUENNE SCHI	74010	BERTENS	JAA	11-3013	OPT.EIG.FK	73625	BESSENT	RG	11-2179	MECH.EIG.FK	6	
		8- 459	WAERME	24040	BERTERO	M	1- 182	QUANTENTHEO	16578	BESSIS	D	3- 162	QUANTENTHEO	1	
	W	9-2324	HALBLEITER	71570			4- 225	QUANTENTHEO	16572			4- 233	QUANTENTHEO	1	
BERNARDINI	C	10- 783	BESCHLEUNIG	41020			4- 236	QUANTENTHEO	16580			7- 896	STARKE WW.	4	
BERNARY	O	11- 841	STARKE WW.	41740			6- 676	ELEMENTART.	41543			8- 230	QUANTENTHEO	1	
BERNAS	H	2-2277	SUPRALEITG.	70530	BERTHE	A	9-1193	ATOME	52035			10- 964	STARKE WW.	4	
		3-1643	KRISTALLE	65545			10- 546	HF-TECHNIK	27560			2- 98	QUANTENTHEO	1	
	M	3-1044	KERNREAKTIO	43052	BERTHEL	KH	6-2395	METAL.LEITG	71010			JD	2- 791	STARKE WW.	4
		10-1250	KERNREAKTIO	43052			6-2397	METAL.LEITG	71010			N	1-1377	ATOME	5
	R	11-1270	KERNREAKTIO	43054	BERTHELIER	J	4-2671	GEOMAGNET.	90400			1-1388	ATOME	5	
		4- 826	KERN-MESSG.	40570	BERTHET	C	5-2823	LUFTHUELLE	90840	BESSIS MAZLOUM N.		2- 98	QUANTENTHEO	1	
		6-2923	STERNE	94040	BERTHET	G	12-2026	FLUESSIGK.	58557			2- 656	KERN-MESSG.	4	
		10-1125	KERNSPEKTR.	42555	BERTHIER	G	1-1380	MOLEKUELE	52543	BESSON	H	5- 727	KERN-MESSG.	4	
		10-1251	KERNREAKTIO	43054		J	1-1132	KERNSPEKTR.	42565			4-2382	HALBLEITER	7	
		11-1190	KERNREAKTIO	43016			5-1071	KERNSPEKTR.	42555			6-1897	KRIST.FEHL.	6	
		11-1191	KERNREAKTIO	43016			10-1155	KERNSPEKTR.	42565			6- 459	OPT.INSTRUM	2	
BERNDT	AF	12-2014	FLUESSIGK.	58555			12-2969	FK-SPEKTREN	73355	BEST	A	9-2719	GEOMAGNET.	9	
	H	7- 99	VAKUUM	13016			2-2006	FK-SPEKTREN	73370		GC	7- 734	KERN-MESSG.	4	
		11-2644	SUPRALEITG.	70550			2-2007	FK-SPEKTREN	73370		GT	8-2782	LUFTHUELLE	9	
BERNE	W	6-1843	KRISTALLE	65574	BERTHOLD	I	2-2008	FK-SPEKTREN	73370		M	6- 869	KERNSTRUKT.	4	
	B	6- 191	STATISTIK	17535			12-3066	FK-SPEKTREN	73370		PE	9-1172	ATOME	5	
	BJ	5-1837	FLUESSIGK.	58576			12-3074	FK-SPEKTREN	73370	BEST VAN	JA	9-1043	KERNREAKTIO	4	
		6- 196	STATISTIK	17545	BERTHOU	JM	5-1405	MOLEKUELE	52536	BESTUZHVEY	AS	3- 369	THERMODYN.	2	
		6-1588	GASE	58010	BERTHOUMIEU H		2-2805	IONOSPHAERE	91072	BETCHOV	R	12- 436	HYDRODYNAM.	2	
		8- 712	PHYS.OPTIK	29040	BERTIE	JE	1-2490	FK-SPEKTREN	73330	BETEROV	IM	7-1355	ATOME	5	
BERNENGO	JC	6- 324	ELEKTRIZIT.	26012			3-2495	FK-SPEKTREN	73325	BETEV	B	6-2781	KOSM.STRLG.	9	
BERNERT	RE	3-2341	SUPRALEITG.	70560			3-2519	FK-SPEKTREN	73330			11- 577	KERN-MESSG.	4	
BERNEY	AP	3-1433	PLASMA	57020			8-2487	FK-SPEKTREN	73330	BETH	MU	2-1434	PLASMA	5	
BERNHARD	W	11-3479	BIOPHYSIK	96040	BERLIN	A	3- 734	ELEMENTART.	41543	BETHUNE DE AJ	RA	6- 345	ELEKTRODYN.	2	
BERNHHEIM	A	11- 614	KERN-MESSG.	40565			6- 554	KERN-MESSG.	40512	BETHE	HA	1- 979	KERNSTRUKT.	4	
		12-1352	KERNREAKTIO	43050			7-1327	ATOME	52050			10-1028	KERNSTRUKT.	4	
		4-1088	KERNSPEKTR.	42540			8-2808	IONOSPHAERE	91072			11- 947	KERNSTRUKT.	4	
	M	5-2158	FK-SPEKTREN	73370			11-1074	KERNSPEKTR.	42550	BETHGE	K	1- 728	KERN-MESSG.	4	
	RA	10-2309	MAGN.EIG.FK	69060			1-1578	PLASMA	57045			2-1083	KERNREAKTIO	4	
BERNHTAL	FM	2- 984	KERNSPEKTR.	42565	BERLINOV	AI	6-1456	PLASMA	57045			6- 915	KERNSPEKTR.	4	
BERNIER	JP	3- 938	KERNSPEKTR.	42545			11-1693	PLASMA	57045			6-1098	KERNREAKTIO	4	
BERNINI	U	6-2285	MAGN.EIG.FK	69070	BERTMAN	B	3-1606	FK-PHYSIK	65000			7- 821	BESCHLEUNIG	4	
BERNKOPF	M	8- 155	MATH.PHYSIK	16000			3-2322	SUPRALEITG.	70520			7- 825	BESCHLEUNIG	4	
BERNSTEIN	AM	2-1078	KERNREAKTIO	43080			12-1956	FLUESSIGK.	58527			9-1083	KERNREAKTIO	4	
		7-1067	KERNSPEKTR.	42545	BERTOCCHI	L	4-1237	KERNREAKTIO	43052			12-1396	KERNREAKTIO	4	
		11-1265	KERNREAKTIO	43054			5- 854	STARKE WW.	41700	BETHKE	GW	6-1560	PLASMA	5	
		12-1222	KERNSPEKTR.	42545			5-1115	KERNREAKTIO	43012	BETHUNE DE AJ		4-1820	FLUESSIGK.	5	
		12-1361	KERNREAKTIO	43058			6- 819	STARKE WW.	41764	BETIGERI	MG	1-1257	KERNREAKTIO	4	
	EM	5-1082	KERNSPEKTR.	42565			8- 923	STARKE WW.	41700	BETINIS	EJ	7-2798	IONOSPHAERE	9	
		7-1187	KERNREAKTIO	43052	BERTOCCI	U	4-1837	KRISTALLE	65510	BETJEMANN	AG	5-2087	GITTERDYN.	6	
		11-1013	KERNSPEKTR.	42510	BERTOLACCINI M		4- 788	KERN-MESSG.	40518	BETKO	J	6- 337	ELEKTRIZIT.	6	
		11-1024	KERNSPEKTR.	42525			6-1149	KERNSTRHLG.	44030	BETHMAN	RG	7- 920	STARKE WW.	4	
		11-1281	KERNREAKTIO	43058			12- 567	HF-TECHNIK	27540	BETOURNE	C	12- 974	ELEMENTART.	4	
	HJ	1- 127	QUANTENTHEO	16516	BERTOLINI	G	1-1151	KERNSPEKTR.	42570	BETRENCOURT STIRNEMAN C.		1-2172	FK-SPEKTREN	7	
		2- 93	QUANTENTHEO	16526			6- 909	KERNSPEKTR.	42520	BETTELHEIM FA		8-1825	DISP.SYST.	5	
		12-2015	FLUESSIGK.	58557	BERTOLOTTI M		1-1727	FLUESSIGK.	58520	BETTINALI C		8-2627	OPT.EIG.FK	7	
	IM	8-2047	MECH.EIG.FK	66545			1-1899	KRIST.FEHL.	66065			9-2612	OPT.EIG.FK	7	
	JL	3-1702	KRISTALLE	65584			2- 462	MASER,LASER	28035			10-2736	OPT.EIG.FK	7	
		7-1822	KRISTALLE	65584			4-2606	GRENZFL.FK	74520	BETTINGER	RT	11-3044	OPT.EIG.FK	7	
		9-1815	KRISTALLE	65584			6- 435	MASER,LASER	28060			1-1657	PLASMA	5	
	L	1-1682	PLASMA	57253			8- 674	OPT.INSTRUM	28570			3-2798	LUFTHUELLE	9	
	RB	4-1467	MOLEKUELE	52512	BERTON	A	12-2421	THERMEIG.FK	67510			11-3297	IONOSPHAERE	9	
		8-1479	MOLEKUELE	52575	BERTOTTI	B	12- 358	FELDTHEORIE	18045	BETTINI	A	10- 981	STARKE WW.	4	
		9-1363	MOLEKUELE	52575	BERTOZZI	W	9- 717	BESCHLEUNIG	41030			11- 854	STARKE WW.	4	
		5- 776	BESCHLEUNIG	41010			10-1203	KERNREAKTIO	43024	BETTIOL	B	7- 724	PHYS.OPTIK	2	
		5-1639	IONOSPHAERE	91000			11-1199	KERNREAKTIO	43022	BETTLER	PC	4-2605	GRENZFL.FK	7	
	W	12-3304	GEOMAGNET.	90470			4- 886	ELEMENTART.	41546	BETTS	DD	12-3264	GRENZFL.FK	7	
BERNTHAL	FM	11-1138	KERNSPEKTR.	42565			4- 897	ELEMENTART.	41563			5-2242	MAGN.EIG.FK	6	
BERNY	J	3- 559	OPT.INSTRUM	28530			8- 902	ELEMENTART.	41574			8-2175	MAGN.EIG.FK	6	
BERODIAS	G	2-2116	MAGN.EIG.FK	69010			9-1050	KERNREAKTIO	43060			12-2535	MAGN.EIG.FK	6	
BEROZASHVILI Y.N.							11- 742	ELEMENTART.	41574			12-2537	MAGN.EIG.FK	6	
		2- 485	MASER,LASER	28050			11- 884	STARKE WW.	41764	BETZ	HT	6-2856	ASTROPHYSIK	9	
		5-2144	DIELEKTRIKA	68020			12- 950	ELEMENTART.	41560			2-1123	KERNSTRHLG.	4	

BEURTEY - BIRD

TEY	R	7- 831	BESCHLEUNIG	41020	BHATNAGAR	KL	3-1396	PLASMA	57093	BIERSACK	J	6-1887	KRIST.FEHL.	66025	
CH	W	3- 848	STARKE WW.	41764			4-2775	IONOSPHAERE	91072			6-1888	KRIST.FEHL.	66025	
		5- 949	STARKE WW.	41755			2- 245	ELASTIZIT.	22530	BIERSTEDT	PE	9-1816	KRISTALLE	65584	
		6- 837	STARKE WW.	41770		PL	2- 245	ELASTIZIT.	22530	BIERTER	W	12- 267	QUANTENTHEO	16588	
SE	H	1- 305	MECHANIK	22050		RK	6- 271	HYDRODYNAM.	23050	BIESTERBOS	J	5-2239	MAGN.EIG.FK	69025	
IT	P	1-1063	KERNSEKTR.	42545		VM	12-2919	FK-SPEKTREN	73330			11-2443	MAGN.EIG.FK	69060	
		10-1260	KERNREAKTIO	43054	BHATNAGER	PL	5-1568	PLASMA	57055	BIETTI	A	11- 744	STARKE WW.	41764	
N	H	7- 389	WAERME	24030	BHATT	KH	4-1060	KERNSTRUKT.	42070	BIGEISEN	J	8- 150	VAKUUM	13030	
N JR.	AW	4-2094	FK-SPEKTREN	73370		VP	3-1693	KRISTALLE	65578			9-1686	FLUESSIGK.	58555	
	V	10-2662	FK-SPEKTREN	73370	BHATTACHARJEE	B.				BIGELMAIER	A	10- 95	LABORTECHN.	12530	
		3-1585	FLUESSIGK.	58555		S	2-1494	GASENTLADG.	57815			5- 663	PHYS.OPTIK	29015	
		6-1490	PLASMA	57075	BHATTACHARYA	D.M.	10-1968	KRISTALLE	65572	BIGEON	MC	8- 696	PHYS.OPTIK	29015	
R	MB	1-1896	KRIST.FEHL.	66065			6-1225	ATOME	52065	BIGG	PH	6-1189	ATOME	52030	
RIDGE	DL	8-1378	MOLEKUELE	52510			5-1010	KERNSTRUKT.	42040	BIGG	PH	6-1677	FLUESSIGK.	58540	
S	M	9-1746	KRISTALLE	65514		P	8-2733	GEOMAGNET.	90460	BIGGERSTAFF	JA	3- 949	KERNSEKTR.	42555	
RS	YG	7- 377	WAERME	24023	BHATTACHARYA	J.C.						8-1119	KERNSEKTR.	42545	
RS	A	4-2769	IONOSPHAERE	91050			8-2798	IONOSPHAERE	91050			9-1015	KERNREAKTIO	43040	
	PP	11-3242	GEOMAGNET.	90470	BHATTACHERYEE	S.K.				BIGGI	V	3- 291	HYDRODYNAM.	23010	
		5- 587	MASER,LASER	28060			1-1082	KERNSEKTR.	42550	BIGGS	AW	3- 644	PHYS.OPTIK	29066	
		5-2614	FK-SPEKTREN	73380			7-1132	KERNSEKTR.	42570	BIGL	F	11- 646	BESCHLEUNIG	41010	
		7- 579	MASER,LASER	28060			11-1086	KERNSEKTR.	42555	BIGUENET	C	7- 481	TEILCH.OPT.	27058	
		10-2672	FK-SPEKTREN	73380			11-1129	KERNSEKTR.	42565			10- 124	VAKUUM	13025	
LER	HU	12- 395	ELASTIZIT.	22520			11-1132	KERNSEKTR.	42565	BIGUEURE	M	1-2629	DUENNE SCHI	74060	
	M	11-2081	KRIST.FEHL.	66020	BHAWALKAR	DD	5- 596	MASER,LASER	28060	BIHAN LE	R	10- 113	LABORTECHN.	12580	
	WJ	1- 647	OPT.INSTRUM	28570	BHIDAY	MR	1-1701	GASENTLADG.	57840			10- 114	LABORTECHN.	12580	
	HJ	2-1178	ATOME	52030	BHIDE	MG	12-2586	MAGN.EIG.FK	69065	BIJVOET	J	2-2249	LEITFHGK.FK	70074	
	JB	5-1594	PLASMA	57070		VG	2-1656	FK-SPEKTREN	73310			11-2658	METAL.LEITG	71010	
		10- 527	HF-TECHNIK	27530			3-1654	FK-SPEKTREN	73310		JM	10-2689	OPT.EIG.FK	73605	
		12-1576	PLASMA	57075	BHOWMIK	B	4-1018	STARKE WW.	41780	BILANIUK	OM	6- 616	KERN-MESSG.	40582	
	KD	2-1298	MOLEKUELE	52585			7- 994	STARKE WW.	41790	BILDANOV	MM	6-2546	FK-SPEKTREN	73330	
	LM	5-1077	KERNSEKTR.	42560			8- 975	STARKE WW.	41735	BILELLO	JC	11-2172	MECH.EIG.FK	66516	
	RT	2-1563	FLUESSIGK.	58543			12-3311	KOSM.STRLG.	90646	BILENKII	BF	2-2471	OPT.EIG.FK	73605	
	W	10-2802	GRENZF.L.FK	74510	BHUYAN	HR	8- 766	KERN-MESSG.	40525	BILENKY	SM	9- 781	ELEMENTART.	41576	
	WA	3- 112	MATH.PHYSIK	16020	BIALAS	A	4- 960	STARKE WW.	41740	BILGER	H	6-2052	MECH.EIG.FK	66545	
IRLEIN	A	9-1986	THERMIEIG.FK	67550			7- 973	STARKE WW.	41760			11-2145	KRIST.FEHL.	66065	
RRS	NJ	7-2733	LUFTHUELLE	90815			9- 800	STARKE WW.	41700	HR	6-1979	KRIST.FEHL.	66062		
DOM	ET	2-1259	MOLEKUELE	52516			11- 745	ELEMENTART.	41574	BILL	H	6-1821	KRISTALLE	65545	
	J	8-2653	DUENNE SCHI	74040	BIALKOWSKI	G	11- 800	STARKE WW.	41725			12-2259	KRIST.FEHL.	66030	
	TD	3-1106	KERNSTRHLG.	44010			4- 943	STARKE WW.	41725	BILLARD	B	8-2783	LUFTHUELLE	90870	
	WJG	4-2771	IONOSPHAERE	91060			4-1020	STARKE WW.	41780		F	3- 690	KERN-MESSG.	40582	
TER	JR	1-1304	KERNSTRHLG.	44010	BIALYNICKA	BIRULA Z.						6-1617	GASE	58045	
		8-1285	KERNSTRHLG.	44010			6- 166	QU.FELDTHEO	17020	BILLARDON	M	7-1666	GASE	58045	
		9-1135	KERNSTRHLG.	44010	BIALYNICKI	BIRULA I.						1- 706	PHYS.OPTIK	29080	
GUET	A	5- 827	ELEMENTART.	41566			5- 234	STATISTIK	17530			2- 512	OPT.INSTRUM	28526	
EENEZHNYKH	G.V.						9- 184	QU.FELDTHEO	17020	BILLER	E	2- 628	PHYS.OPTIK	29083	
		7-1368	ATOME	52075	BIANCHI	E	7-1720	FLUESSIGK.	58540			2-2055	FK-SPEKTREN	73360	
LL	VS	7-2488	FK-SPEKTREN	73355		G	5-2084	GITTERDYN.	67040	BILLEREY	R	5-1139	KERNREAKTIO	43044	
		8-2503	FK-SPEKTREN	73345		L	10-1303	KERNREAKTIO	43075	BILLET	R	5-2756	GRENZF.L.FK	74535	
		9-2604	OPT.EIG.FK	73640		U	5-1511	POLYMERE	53535	BILLIG	E	6-1776	FK-PHYSIK	65000	
		11-2147	KRIST.FEHL.	66065	BIANCO	A	4- 304	STATISTIK	17540	BILLING	KD	3- 850	STARKE WW.	41764	
ER	P	5- 286	ELASTIZIT.	22510	BIANCO DEL	W	10-1280	KERNREAKTIO	43062	BILLINGS	BH	7- 619	OPT.INSTRUM	28530	
KOVICH	AY	4- 106	MESSEN	12200			12- 788	KERN-MESSG.	40518		DE	5-2901	SonnenPHYS.	93326	
RGANYAN	PA	1-1847	KRISTALLE	65572	BIASE DE	GA	2- 519	OPT.INSTRUM	28530			12-3397	SonnenPHYS.	93328	
RJIAN	OH	2-1867	MECH.EIG.FK	66556	BIBBY	MJ	4-1914	KRIST.FEHL.	66025	BILLINGSLEY	JB	1-1567	PLASMA	57045	
ELNITSYN	V.N.						4-1915	KRIST.FEHL.	66025	BILLINGTON	EW	3- 627	PHYS.OPTIK	29040	
		6-1470	PLASMA	57055	BIBERMAN	LM	1-1529	PLASMA	57010	BILLIOTTE	M	9- 330	HYDRODYNAM.	23060	
UKIKH	VV	3-2848	MAGNETOSPH.	91280			3-1174	ATOME	52047	BILLS	DG	3- 100	VAKUUM	13025	
		3-2883	PLANETEN	93640	BIBL	W	10-2802	GRENZF.L.FK	74510			5- 110	VAKUUM	13025	
UKOV	GI	3-1892	MECH.EIG.FK	66553	BICAK	J	7- 268	FELDTHEORIE	18042	BILSEN	FA	2- 316	AKUSTIK	23550	
GLYI	PA	3-1952	GITTERDYN.	67060	BICHARA	MRE	11-2890	FK-SPEKTREN	73335			4-2908	HOEREN	96310	
		10-2446	SUPRALEITG.	70550	BICHARA	JW	6-2535	FK-SPEKTREN	73330	BILZ	H	2-1891	GITTERDYN.	67040	
		12-2408	GITTERDYN.	67060	BICHARD	EI	7-1605	PLASMA	57253	BIMBERG	D	5-2340	LEITFHGK.FK	70026	
ERIDES	B	1-1398	ATOME	52045	BICHENKOV	H	3- 876	KERNSTRUKT.	42010	BINDARI	AE	3-2341	SUPRALEITG.	70560	
		10- 279	STATISTIK	17560	BICHSEL		3-1049	KERNREAKTIO	43054	BINDER	H	7- 87	LABORTECHN.	12580	
RA	D	3-1379	PLASMA	57263			5-1882	KRISTALLE	65545			8- 137	LABORTECHN.	12580	
	DK	11-1799	PLASMA	57256	BICHURIN	MI	10-2629	FK-SPEKTREN	73355		J	11- 357	ELEKTRIZIT.	26010	
	TC	11- 322	HYDRODYNAM.	23060		SA	6-1965	KRIST.FEHL.	66035		K	7-2977	STRAHL.BIOL	97010	
URI	RK	1- 879	STARKE WW.	41740	BICHURINA	WS	2-1221	PLASMA	57235			5-1214	KERNSTRHLG.	44010	
		2- 108	QUANTENTHEO	16533	BICKEL	SW	5-1252	ATOME	52024	BINDLOSS	W	8-2360	METAL.LEITG	71010	
		4-1029	STARKE WW.	41790			5-1273	ATOME	52027			11-2060	KRISTALLE	65588	
		5- 992	STARKE WW.	41790			6-1180	ATOME	52040	BINDNER	PR	12-1644	MOLEKUELE	52547	
AT	SM	1-2090	FK-SPEKTREN	73360	BICKERTON	RJ	11-1434	ATOME	52060	BINEAU	M	1-1550	PLASMA	57030	
		7-2081	THERMIEIG.FK	67520			1-1688	PLASMA	57263			5-1554	PLASMA	57045	
		9-2079	MAGN.EIG.FK	69010			6-1545	PLASMA	57266	BINFORD JR.	JS	7-1523	PLASMA	57040	
		12-3009	FK-SPEKTREN	73360	BIDARD	R	4-1632	PLASMA	57053			2- 328	WAERME	24040	
AYAN	MR	2- 932	KERNSTRUKT.	42080	BIDAUX	R	2- 68	MATH.PHYSIK	16020	BINGGELI	B	8-2391	HALBLEITER	71540	
AYANTAM	S	3-1666	KRISTALLE	65560			3-2149	MAGN.EIG.FK	69060	BINGHAM	CR	3- 949	KERNSEKTR.	42555	
AYAT	GK	6-1492	PLASMA	57075			9-2099	MAGN.EIG.FK	69025			2-1075	KERNREAKTIO	43075	
AR	BS	5-1001	KERNSTRUKT.	42020			11-2488	MAGN.EIG.FK	69060			12-1379	KERNREAKTIO	43075	
		7-1008	KERNSTRUKT.	42020			11-2488	MAGN.EIG.FK	69060		HH	10- 904	STARKE WW.	41725	
		12-1152	KERNSTRUKT.	42020			11-2489	MAGN.EIG.FK	69060		RG	6-2940	KOSM.PHYSIK	94510	
LA	CP	1-1125	KERNSEKTR.	42565	BIDGOOD	RE	12- 525	ELEKTRIZIT.	26050			10-3075	KOSM.PHYSIK	94510	
		12-1190	KERNSEKTR.	42515	BIEBER	E	7- 772	KERN-MESSG.	40527	BINH	DH	12-3460	KOSM.PHYSIK	94520	
	KB	11- 915	STARKE WW.	41783	BIED CHARRETON	P.				BINH DY	H	4-2872	KOSM.PHYSIK	94520	
	KC	12-1588	MOLEKUELE	52512			6- 456	OPT.INSTRUM	28530	BINKLEY	M	11- 884	STARKE WW.	41764	
	N	9-2756	LUFTHUELLE	90820	BIEDENHARN	LC	1- 135	QUANTENTHEO	16516	BINNIE	AM	11- 279	HYDRODYNAM.	23020	
	RC	2-1575	FLUESSIGK.	58550			5- 162	QUANTENTHEO	16530			DM	12-1109	STARKE WW.	41764
		9-1683	FLUESSIGK.	58550	BIEDENHARN JR.	L.C.	10- 143	QUANTENTHEO	16516	BINSACK	JH	5-2870	MAGNETOSPH.	91270	
AT	R	9-2296	HALBLEITER	71540			12- 181	QUANTENTHEO	16516			11-3349	MAGNETOSPH.	91270	
RGAVA	BN	2-2718	GEOMAGNET.	90440	BIEGANSKI	Z	5-2114	THERMIEIG.FK	67510	BIONDI	MA	3-1267	MOLEKUELE	52580	
RD	1	1- 318	ELASTIZIT.	22520	BIEGER	J	8-1684	PLASMA	57279			8-1547	PLASMA	57010	
RN		1-2305	HALBLEITER	71520	BIELEN	W	2-1696	MAGN.EIG.FK	69010			10-2590	FK-SPEKTREN	73330	
		4-1999	MECH.EIG.FK	66556	BIELE	J	5-1997	KRIST.FEHL.	66065			12-3337	LUFTHUELLE	90870	
		9-2389	FK-SPEKTREN	73325	BIELSKI	BHJ	12-2963	FK-SPEKTREN	73355	BIOT	MA	1- 424	WAERME	24050	
SC		10- 989	STARKE WW.	41770			7-2032	GITTERDYN.	67010			5- 399	WAERME	24060	
		9-2782	LUFTHUELLE	90880	BIEM	W	12-2413	THERMIEIG.FK	67500	BIQUARD	P	5-2094	GITTERDYN.	67060	
RTENDU	D	3- 684	KERN-MESSG.	4											

BIRD - BLEEKER

BIRD	JR	3- 691	KERN-MESSG.	40535	BITTERLICH	W	11-3221	ERDKOERPER	90240	BLAKE	RL	4-2822	SONNENPHYS.	9
	L	1-1242	KERNREAKTIO	43062	BITTERLY	J	4-2689	GEOMAGNET.	90450		RS	3- 921	KERNSPEKTR.	4
	NF	12-2904	FK-SPEKTREM	73330	BITTI	RR	10-2200	THERMEIG.FK	67553			6-1093	KERNREAKTIO	4
BIREBENT	R	2- 384	ELEKTRIZIT.	26060	BITTRICH	HJ	4- 486	THERMODYN.	24530	BLAKELY	JM	2-1735	KRIST.FEHL.	6
		4- 526	ELEKTRIZIT.	26060			4- 487	THERMODYN.	24530			7- 666	OPT.INSTRUM	2
BIRELY	JH	5-1488	MOLEKUELE	52575			4-1796	FLUESSIGK.	58550	BLAKEMORE	JS	6-2352	LEITFHGK.FK	7
		5-1489	MOLEKUELE	52575			5- 418	THERMODYN.	24510			7- 375	WAERME	2
BIRGE	RW	6- 763	STARKE WW.	41725			5-1766	FLUESSIGK.	58540	BLAKNEY	RM	3-2415	HALBLEITER	7
BIRGENEAU	RJ	2-1646	KRISTALLE	65545			12-2039	FLUESSIGK.	58560			3-2416	HALBLEITER	7
		9-1767	KRISTALLE	65545	BIVAS	A	3-2491	FK-SPEKTREM	73325	BLAMIRE	NG	2-2385	HALBLEITER	7
		10-1932	KRISTALLE	65545			6-2527	FK-SPEKTREM	73330	BLAMONT	JE	10-3026	PLANETEN	9
		11-2914	FK-SPEKTREM	73355			6-2599	OPT.EIG.FK	73625	BLAMPIN	B	1- 306	MECHANIK	2
		12-2946	FK-SPEKTREM	73355			11-2567	LEITFHGK.FK	70053	BLANARU	L	10- 608	MASER, LASER	2
BIRGER	NG	4- 963	STARKE WW.	41740	BIVINS	RL	6-1599	GASE	58025	BLANC	D	3- 690	KERN-MESSG.	4
BIRKBY	JW	3-1594	FLUESSIGK.	58570	BIXBY	GE	9- 889	KERNSTRUKT.	42010			7-1767	FLUESSIGK.	5
BIRKEBAK	RC	2- 601	PHYS.OPTIK	29060	BIXON	M	11-1521	MOLEKUELE	52520			12- 786	KERN-MESSG.	4
BIRKHOFF	RD	1- 736	KERN-MESSG.	40542	BIZARD	G	11- 794	STARKE WW.	41725		F	11- 535	PHYS.OPTIK	2
		4-1823	FLUESSIGK.	58570	BIZE	D	3-1405	PLASMA	57206		G	3-1785	KRIST.FEHL.	6
		11-2598	LEITFHGK.FK	70095	BIZOT	JC	4- 915	ELEMENTART.	41574			5- 379	WAERME	2
BIRKHOFF	U	6- 39	BUECHER	11020			6- 711	ELEMENTART.	41563		J	5- 508	TEILCH.OPT.	2
BIRKIGT	W	10- 121	VAKUUM	13022	BIZOUARD	M	1-2221	HALBLEITER	71530		M	8-1718	FLUESSIGK.	5
BIRKLE	K	2-2826	SONNENPHYS.	93324			6-2730	GRENZFL.FK	74570		R	6-2683	DUENNE SCHI	7
BIRKS	JB	5-1844	POLYMERE	53525			8- 115	LABORTECHN.	12525			6-2689	DUENNE SCHI	7
		10-1889	FLUESSIGK.	58573	BIZZARRI	R	10- 933	STARKE WW.	41745			7-2620	DUENNE SCHI	7
		10-2719	OPT.EIG.FK	73640			10- 934	STARKE WW.	41745	BLANCHARD	A	11-2409	MAGN.EIG.FK	6
	LS	9- 657	KERN-MESSG.	40525			11- 853	STARKE WW.	41745		P	2- 521	OPT.INSTRUM	2
BIRKY	MM	4- 634	MASER, LASER	28055	BIZZETI	PG	12-1055	STARKE WW.	41745			9- 559	OPT.INSTRUM	2
BIRLOGEANU	M	10- 609	MASER, LASER	28055			5-1041	KERNSPEKTR.	42540		R	3-1914	GITTERDYN.	6
BIRMAN	JL	5-2600	FK-SPEKTREM	73340			7-1212	KERNREAKTIO	43064			5-2138	DIELEKTRIKA	6
		12-2193	KRISTALLE	65584	BIZZETI SONA A.M.		12- 216	QUANTENTHEO	16550	BLANCHET	J	4- 401	HYDRODYNAM.	2
BIRMINGHAM	TJ	7-2811	MAGNETOSPH.	91230			5-1041	KERNSPEKTR.	42540	BLANCHETON	E	4- 341	MECHANIK	2
		9- 448	ELEKTRODYN.	26540			7-1212	KERNREAKTIO	43064	BLANCHI	G	5-1947	KRIST.FEHL.	6
BIRN	J	12-3445	KOSM.PHYSIK	94500	BJARKE	G	3- 67	LABORTECHN.	12530	BLAND	CJ	12-3306	KOSM.STRLG.	9
BIRNBAUM	G	2- 469	MASER, LASER	28040	BJERREGAARD	JH	3-1069	KERNREAKTIO	43064	BLANDAMER	MJ	2-1564	FLUESSIGK.	5
		2- 493	MASER, LASER	28055			4-1268	KERNREAKTIO	43070	BLANDIN	A	5-2224	MAGN.EIG.FK	6
		2-1287	MOLEKUELE	52562			6-1090	KERNREAKTIO	43070			11-2591	LEITFHGK.FK	7
		7-1670	GASE	58060			9-1067	KERNREAKTIO	43070			12-3061	FK-SPEKTREM	7
		8-1460	MOLEKUELE	52562			12-1376	KERNREAKTIO	43070		J	11-1433	ATOME	5
		11-1867	GASE	58060			8-2269	LEITFHGK.FK	70028	BLANEY	TG	9-1975	GITTERDYN.	6
		12-1935	GASE	58060	BJOERCK	G	2-1886	GITTERDYN.	67020	BLANK	AY	4-2135	FK-SPEKTREM	7
	HK	2-1902	GITTERDYN.	67060	BJOERKMAN	G	1-2710	GEOMAGNET.	90470			6-2243	MAGN.EIG.FK	6
	J	11-1339	KERNREAKTIO	43085	BJORDAL	J	5-2207	FK-SPEKTREM	73360			7-2494	FK-SPEKTREM	7
		12- 762	KERN-MESSG.	40503	BJORK	R	1- 775	ELEMENTART.	41510	BAH	12-2454	THERMEIG.FK	6	
	M	2- 469	MASER, LASER	28040	BJORKEN	JD	3- 717	ELEMENTART.	41510	YI	3- 369	THERMODYN.	2	
		11- 463	MASER, LASER	28055			5- 821	ELEMENTART.	41563	Z	5-1857	KRISTALLE	6	
BIRNSTOCK	R	1-1853	KRISTALLE	65584			11- 679	ELEMENTART.	41510	BLANKENBECLER R.		11- 765	STARKE WW.	4
BIRON	M	6-1304	MOLEKUELE	52524	BJORKHOLM	JE	10- 672	OPT.INSTRUM	28570			12- 253	QUANTENTHEO	14
		7-1405	MOLEKUELE	52524	BJORKLUND	S	6- 399	MASER, LASER	28040			12-1105	STARKE WW.	4
BIRSS	RR	7- 73	LABORTECHN.	12530	BJORKSTAM	JL	3-2012	DIELEKTRIKA	68030	BLANKENSHIP	VD	6- 257	HYDRODYNAM.	2
BIRSTEIN	L	11-1278	KERNREAKTIO	43056			4-1854	KRISTALLE	65540	BLANN	M	1-1261	KERNREAKTIO	4
BIRYUKOV	VA	11-1930	FLUESSIGK.	58555			12-3065	FK-SPEKTREM	73370			7-1041	KERNSPEKTR.	4
BIRYUKOVA	GP	1- 412	WAERME	24000	BJORNBOE	J	8-2741	KOSM.STRLG.	90646	BLANPIED	WA	5- 965	STARKE WW.	4
	NE	4- 164	VAKUUM	13025	BJORNHOLM	S	3- 996	KERNSPEKTR.	42575			11- 812	STARKE WW.	4
BISBEE	DL	10- 646	OPT.INSTRUM	28545	BLABLA	J	1- 602	MASER, LASER	28060	BLASDALE	KCA	3-1790	KRIST.FEHL.	6
BISCAR	JP	5-1825	FLUESSIGK.	58573	BLACHIER	B	3-1422	PLASMA	57070	BLASER	P	3- 519	MASER, LASER	2
BISCHOFF	K	8-2804	IONOSPHAERE	91070	BLACHMAN	AG	3-1141	ATOME	52030	BLASI	AA	12- 192	QUANTENTHEO	14
BISGARD	KM	4-1277	KERNREAKTIO	43080	BLACHOT	J	1-1132	KERNSPEKTR.	42565		F	7-2958	BIOPHYSIK	9
BISHOF K.BISCHOFF K.		2-2773	IONOSPHAERE	91030			6- 989	KERNSPEKTR.	42565		P	2-1055	KERNREAKTIO	4
BISHOP	AS	9-1564	PLASMA	57263	BLACK	G	6-1358	MOLEKUELE	52575	BLASINGAME	JM	11-3148	DUENNE SCHI	7
	CJ	5-1170	KERNREAKTIO	43075	BLACK	JL	3-1051	KERNREAKTIO	43054	BLASS	WE	4-1438	MOLEKUELE	5
	DM	10-1502	MOLEKUELE	52512	RBT	3- 115	MATH.PHYSIK	16040				5-1449	MOLEKUELE	5
		11-1514	MOLEKUELE	52516	TD	12-2972	FK-SPEKTREM	73355				8-1421	MOLEKUELE	5
	BE	2-1015	KERNREAKTIO	43034	BLACKBURN	DA	7-1869	KRIST.FEHL.	66015	BLASSE	G	2-2445	FK-SPEKTREM	7
		2-1016	KERNREAKTIO	43034			7-1931	KRIST.FEHL.	66040			2-2544	OPT.EIG.FK	7
		4-1089	KERNSPEKTR.	42540			7-2027	HALBLEITER	71540			2-2546	FK-SPEKTREM	7
	HE	1-1194	KERNSTRHLG.	44033	JA	12- 687	OPT.INSTRUM	28553				2-2548	OPT.EIG.FK	7
		12-2162	KRISTALLE	65972	MJ	10-2098	MECH.EIG.FK	66540				2-2566	OPT.EIG.FK	7
	RG	5-1128	KERNREAKTIO	43034	WJS	12-3158	DUENNE SCHI	74010				3-2559	OPT.EIG.FK	7
	W	6- 552	KERN-MESSG.	40512	BLACKFORD	BL	8-2322	SUPRALEITG.	70550			8-2589	OPT.EIG.FK	7
BISHTON	SS	11-2004	KRISTALLE	65545	BLACKMAN	J	3- 273	FELDTHEORIE	18050			9-2595	OPT.EIG.FK	7
BISHUI	PK	10-2610	FK-SPEKTREM	73340			10- 452	THERMODYN.	24533			9-2598	OPT.EIG.FK	7
BISI	V	5- 806	ELEMENTART.	41546	BLACKMORE	DR	12-1550	ATOME	52065			9-2599	OPT.EIG.FK	7
BISIACCHI	G	2- 87	QUANTENTHEO	16516		EW	2- 962	KERNSPEKTR.	42545			10-2716	OPT.EIG.FK	7
BISMUTH	W	2-1561	FLUESSIGK.	58540			9-1074	KERNREAKTIO	43075			11-2850	FK-SPEKTREM	7
BISNOVATY KOGAN G.S.		1-2847	KOSM.PHYSIK	94570	BLACKSTEIN	FP	12- 541	ELEKTRODYN.	26540			11-3013	OPT.EIG.FK	7
BISPINK	H	2-2619	DUENNE SCHI	74060	BLACKWELL	DE	6-2862	ASTROPHYSIK	93030			11-3027	OPT.EIG.FK	7
BISSINGER	GA	12-1221	KERNSPEKTR.	42545			8-2912	PLANETEN	93650			11-3029	OPT.EIG.FK	7
	J	10-2715	OPT.EIG.FK	73635	BLADES	J	3- 682	KERN-MESSG.	40530	BLASZCZYK	B	7-2662	GRENZFL.FK	7
BISSON	G	5-2609	FK-SPEKTREM	73340	BLADIER	B	1- 403	AKUSTIK	23550	BLASZUK	PR	8-1567	PLASMA	5
		11-2896	FK-SPEKTREM	73340			5- 361	AKUSTIK	23530	BLATCHLEY	DE	7- 784	KERN-MESSG.	4
BISSONNETTE IR		10- 386	HYDRODYNAM.	23040			8- 434	AKUSTIK	23550	BLATT	FJ	8- 120	LABORTECHN.	1
BISWAS	AB	3-2142	MAGN.EIG.FK	69050	BLAGOI	YP	11-1917	FLUESSIGK.	58543			8-2301	LEITFHGK.FK	7
		4- 497	THERMODYN.	24540			9-1689	FLUESSIGK.	58555		SL	7-1227	KERNREAKTIO	4
		6- 300	WAERME	24040	BLAGOVESHCHENSKII V.M.		3- 352	WAERME	24040	BLATZ	LA	5-1830	FLUESSIGK.	5
		6-1862	KRISTALLE	65588	BLAGOY	YP	4-1789	FLUESSIGK.	58540	BLAU	FP	3-1449	PLASMA	5
		6-2106	THERMEIG.FK	67510	BLAHA	A	3-2618	DUENNE SCHI	74010		R	11- 422	HF-TECHNIK	2
	BN	1-2011	DIELEKTRIKA	68010	BLAHNIK	CE	8- 152	VAKUUM	13030		W	4-1880	KRISTALLE	6
		8- 348	MECHANIK	22034	BLAIR	AG	10-1106	KERNSPEKTR.	42550	BLAU JR.	HH	3- 652	PHYS.OPTIK	2
	MM	10-3025	PLANETEN	93640		BE	4- 116	MESSEN	12220	BLAUER	JA	8-1481	MOLEKUELE	5
	NN	7- 905	STARKE WW.	41725		DG	4-1760	FLUESSIGK.	58520	BLAUGRUND	AE	1-1059	KERNSPEKTR.	4
		7- 907	STARKE WW.	41725			8-1727	FLUESSIGK.	58520			1-1060	KERNSPEKTR.	4
		12-1003	STARKE WW.	41725			11-1826	GASENTLADG.	57840			2- 952	KERNSPEKTR.	4
	B	1-2719	KOSM.STRLG.	90630		DTA	11-1826	GASENTLADG.	57840	BLAETH	EW	12- 138	VAKUUM	1
		3-2910	KOSM.PHYSIK	94530		IM	6-2902	PLANETEN	93630	BLAZEK	V	12- 620	MASER, LASER	2
	SN	2- 833	STARKE WW.	41753		JM	5-1174	KERNREAKTIO	43085	BLAZEY	KW	4-2179	MAGN.EIG.FK	6
		3- 142	QUANTENTHEO	16533			12-1394	KERNREAKTIO	43085			8-2612	OPT.EIG.FK	7
		3- 727	ELEMENTART.	41540			3- 910	KERNSPEKTR.	42520	BLAZHEVICH	AI	12-3149	OPT.EIG.FK	7
		3- 732	ELEMENTART.	41540			9-1076	KERNREAKTIO	43080	BLEANEY	B	1-1371	ATOME	

BLEEKRODE R	1-1407 PLASMA	57210	BLOM KA	8-2198 MAGN.EIG.FK	69050	BOBYLEV BA	7-1985 MECH.EIG.FK	66514
BLER H	8-1314 PLASMA	57210	BLOMBERG C	9- 218 STATISTIK	17560	BOBYRENKO YY	12- 731 PHYS.OPTIK	29040
BLCH HE	7-2334 HALBLEITER	17540	BLOMER R	8- 215 QUANTENTHEO	16572	BOCA I	3-1091 KERNREAKTIO	43092
BLSTEIN N	12- 121 LABORTECHN.	12540	BLOMNIQV EA	10-2457 HALBLEITER	71530	BOCCALETTI D	10-1245 KERNREAKTIO	43048
BLWAS SL	4- 742 PHYS.OPTIK	29043	BLOMQVIST J	4-1066 KERNSTRUKT.	42075	BOCCARA AC	10-3067 KOSH.PHYSIK	94500
BLID H	1-2859 HOEREN	96310		8-1085 KERNSTRUKT.	42075		5- 87 LABORTECHN.	12530
BLKINSOP J	5- 267 MECHANIK	22030	BLONS J	10-1241 KERNREAKTIO	43048		11-3048 OPT.EIG.FK	73660
BLKOM VAN D	4- 126 MESSEN	12240		12-1407 KERNREAKTIO	43092		N 11-2254 THERMIEG.FK	67550
	9-2971 KOSH.PHYSIK	94520	BLOOD CM	3-1750 KRIST.FEHL.	66020		12-2489 DIELEKTRIKA	68030
	J 11-1461 ATOME	52070	BLOOD JR. FA	8- 252 QU.FELDTHEO	17010	BOCCHIERI P	6- 203 STATISTIK	17566
BLER EJ	1- 966 STARKE WW.	41783	BLOODWORTH I	11- 847 STARKE WW.	41740		11- 172 STATISTIK	17520
BLER G	10-1969 KRISTALLE	65572	BLOOM ED	4- 911 ELEMENTART.	41574	BOCCIARELLI GV	4-2229 METAL.LEITG	71000
BLER E	6-1084 KERNREAKTIO	43064		6-1335 MOLEKUELE	52580	BOCCOLINI M	3- 962 KERNSPEKTR.	42560
	12-1004 STARKE WW.	41725		M 2-2129 MAGN.EIG.FK	69050		5-1086 KERNSPEKTR.	42565
	K 6- 875 KERNSTRUKT.	42020		4-1427 ATOME	52085	BOCEK M	7-1998 MECH.EIG.FK	66540
	6- 876 KERNSTRUKT.	42020		4-1465 MOLEKUELE	52516	BOCHKARKIN VK	2-2846 PLANETEN	93630
	10-1041 KERNSTRUKT.	42070		7-1451 MOLEKUELE	52560	BOCHENEK K	3-1404 PLASMA	57070
BLIN HA	8-1583 PLASMA	57030		12-2021 FLUESSIGK.	58557	BOCHIN VP	5-1166 KERNREAKTIO	43066
	8-1584 PLASMA	57030		S 4-2255 LEITFHGK.FK	70060	BOCHKAREV VV	10- 756 KERN-MESSG.	40582
	7- 650 OPT.INSTRUM	28556		SD 4-1105 KERNSPEKTR.	42550	BOCHKOVA OP	4-1394 PLASMA	57010
BLNETT JP	10- 821 BESCHLEUNIG	41040		12-1234 KERNSPEKTR.	42550	BOCHNACKI Z	3- 907 KERNSPEKTR.	42515
	MH 8- 811 BESCHLEUNIG	41000	BLOMBERG H	5-1537 PLASMA	57026	BOCK	4- 487 THERMODYN.	24530
			BLOOMFIELD PE	7-2076 THERMIEG.FK	67510		R 1-1065 KERNSPEKTR.	42545
BLITT TH	3- 73 LABORTECHN.	12530		11-2836 FK-SPEKTREN	73320		1-1083 KERNSPEKTR.	42550
	9-2244 SUPRALEITG.	70595	BLOOR D	12-2136 KRISTALLE	65545		1-1253 KERNREAKTIO	43075
BLP	8-1099 KERNSPEKTR.	42525		MIG 4- 427 HYDRODYNAM.	23060		1-1257 KERNREAKTIO	43075
BLCHARSKI JS	1- 733 KERN-MESSG.	40532	BLOSS W	12- 78 BUECHER	11020		4-1273 KERNREAKTIO	43075
	10-1564 MOLEKUELE	52550	BLOSSER HG	11- 663 BESCHLEUNIG	41040		8-1126 KERNSPEKTR.	42545
	12-1648 MOLEKUELE	52550	BLOSSEY DF	11-2273 DIELEKTRIKA	68020		10-1314 KERNREAKTIO	43085
	12-1659 MOLEKUELE	52560	BLOSSFELD L	6-2325 LEITFHGK.FK	70056		11-1322 KERNREAKTIO	43075
BLCHERT TOFT P.H.			BLOTT BH	4-2636 GRENZFL.FK	74563		11-1323 KERNREAKTIO	43075
	1-1135 KERNSPEKTR.	42565		7-2667 GRENZFL.FK	74563	BOCK DE A	5-1776 FLUESSIGK.	58540
BLCKENS DERFER R.P.			BLOTTIAU F	2- 524 OPT.INSTRUM	28540	BOCKASTE K	1- 586 MASER,LASER	28055
	5-1399 MOLEKUELE	52536	BLOUKE MM	5-2476 HALBLEITER	71540		3- 529 MASER,LASER	28055
BLHAM S	2-1218 MOLEKUELE	52580	BLOUNT EI	9-1814 KRISTALLE	65584		3-1127 ATOME	52024
	5-1574 PLASMA	57055		GH 3-1747 KRIST.FEHL.	66020		5- 576 MASER,LASER	28055
	7-1556 PLASMA	57075			66025	BOCKELMAN CK	1-1095 KERNSPEKTR.	42555
BLN STOLEY RJ	3- 725 ELEMENTART.	41540		5-1958 KRIST.FEHL.	66025		3-1068 KERNREAKTIO	43064
	6- 908 KERNSPEKTR.	42515	BLOUT ER	6-2495 PHOTOLEITG.	72510		8-1197 KERNREAKTIO	43036
	11- 692 ELEMENTART.	41540	BLUDMAN SA	8-1542 POLYMERE	53546		9-1055 KERNREAKTIO	43064
BLNO R	2-1975 DIELEKTRIKA	68030	BLUE GD	5- 208 QU.FELDTHEO	17020	BOCKMAN DD	2- 638 KERN-MESSG.	40518
	2-2013 FK-SPEKTREN	73370		JL 5-2509 HALBLEITER	71590	BOCKRIS JOM	2-1566 FLUESSIGK.	58546
	3-2037 FK-SPEKTREN	73370	BLUEH O	1- 15 BIOGRAPHIEN	10216		6-1743 FLUESSIGK.	58568
	4-2091 FK-SPEKTREN	73370	BLUEH EY	5- 408 WAERME	24060		8-1804 FLUESSIGK.	58568
	5-2193 FK-SPEKTREN	73355		FA 9-1515 PLASMA	57085		11-1944 FLUESSIGK.	58568
	6-1971 KRIST.FEHL.	66060		H 4-2109 FK-SPEKTREN	73355	BOCQUET JL	2-1247 MOLEKUELE	52520
	9-2518 FK-SPEKTREN	73370		NA 1-1819 KRISTALLE	65545		2-1278 MOLEKUELE	52524
	10-1987 KRISTALLE	65584			65545		6-1303 MOLEKUELE	52524
	11-2192 MECH.EIG.FK	66553		5-1863 KRISTALLE	65540		10-1117 KERNSPEKTR.	42555
	12- 61 TAGUNGEN	10550		10-2535 FK-SPEKTREN	73310	BOCQUILLON F	4- 454 AKUSTIK	23540
	12-2113 KRISTALLE	65530		P 5- 755 KERN-MESSG.	40570	BOCZAR KARAKIEWICZ B.		
	12-2491 DIELEKTRIKA	68030		SE 11-3353 MAGNETOSPH.	91280		8- 342 MECHANIK	22020
	12-3067 FK-SPEKTREN	73370			24023	BODANSKY D	9- 328 HYDRODYNAM.	23060
	12-3072 FK-SPEKTREN	73370		W 12-3141 OPT.EIG.FK	73645		8-2935 STERNE	94040
BLNDER SM	2-1230 MOLEKUELE	52512			66545		9-1056 KERNREAKTIO	43064
	7- 155 QUANTENTHEO	16533			41730	BODART F	2- 667 KERN-MESSG.	40584
BLNOV LM	3-2556 OPT.EIG.FK	73605	BLUMBERG LN	3-1056 KERNREAKTIO	43054		12- 880 KERN-MESSG.	40584
	11-3002 OPT.EIG.FK	73605		5-1184 KERNREAKTIO	43092	BODDENBERG B	4-1793 FLUESSIGK.	58546
	12-2662 LEITFHGK.FK	70056	BLUME H	8-2599 OPT.EIG.FK	73630	BODDIE WL	1-1663 PLASMA	57206
	5-1763 FLUESSIGK.	58530		M 4-2183 MAGN.EIG.FK	69060	BODE H	12- 135 LABORTECHN.	12580
BLPI PI	8-1682 PLASMA	57270			73310		5-2431 SUPRALEITG.	70560
BLNOWSKI J	2-2181 OPT.EIG.FK	73605		8-2446 FK-SPEKTREN	73310	BODEN JC	11- 355 THERMODYN.	24554
	11-2551 LEITFHGK.FK	70020		9-1016 KERNREAKTIO	43040		11- 356 THERMODYN.	24554
BLSS ES	3-2293 SUPRALEITG.	70520		RJ 8- 560 HF-TECHNIK	27560	BODENHEIMER P	6-2914 STERNE	94020
	10-2434 SUPRALEITG.	70530			27560	BODENSEH HK	6-1744 FLUESSIGK.	58570
BLSTANOV AA	2-1919 GITTERDYN.	67070		S 4- 582 HF-TECHNIK	27550	BODENSTEDT E	6- 965 KERNSPEKTR.	42560
	9-1984 GITTERDYN.	67070			29035		7- 771 KERN-MESSG.	40527
BLTZER L	9- 247 MECHANIK	22010		4- 733 PHYS.OPTIK	29035		8-1123 KERNSPEKTR.	42545
BLZNAKOV G	9-2641 DUENNE SCHI	74040		5- 671 PHYS.OPTIK	29035		8-1135 KERNSPEKTR.	42550
	9-2642 DUENNE SCHI	74040		5- 672 PHYS.OPTIK	29035	BODI D	12- 561 HF-TECHNIK	27530
BLBEL V	3- 863 STARKE WW.	41767	BLUMEN W	4-2727 LUFTHUELLE	90840		4- 348 MECHANIK	22034
BLCH A	3-1032 KERNREAKTIO	43044	BLUMENFELD H	5- 971 STARKE WW.	41764	HAB	2-1400 PLASMA	57085
BLCH C	10-1177 KERNREAKTIO	43008	BLUMENTHAL RB	12- 959 ELEMENTART.	41574		9- 419 ELEKTRIZIT.	26016
	10-1178 KERNREAKTIO	43008		RJ 5-2497 HALBLEITER	71566		11-1800 PLASMA	57260
D 2-2161 MAGN.EIG.FK	69040		BLUMLE LN	9-2798 IONOSPHERE	91045	BODMER AR	2- 892 STARKE WW.	41790
4-2194 MAGN.EIG.FK	69065		BLUNT RF	11-2997 OPT.EIG.FK	73605	BODMER RE	11-2485 MAGN.EIG.FK	69060
10-1996 KRISTALLE	65584		BLUYSSSEN H	3-1236 MOLEKUELE	52543	BODOKIYA LV	11-1139 KERNSPEKTR.	42565
11-2195 MECH.EIG.FK	66553			5-1370 MOLEKUELE	52514	BODOR EE	11-3163 GRENZFL.FK	74530
12-2529 MAGN.EIG.FK	69025			10-1557 MOLEKUELE	52543		11-3172 GRENZFL.FK	74535
F 10-2339 LEITFHGK.FK	70010		BLY PH	11-2478 MAGN.EIG.FK	69060		11-3173 GRENZFL.FK	74535
M 5-2930 STERNE	94050		BLYHOLDER H	2-2660 GRENZFL.FK	74530	BODRETSOVA AI	6- 405 MASER,LASER	28045
	10- 15 BIOGRAPHIEN	10215	BLYTHER G	12-2552 MAGN.EIG.FK	69040	BOEBEL CP	9- 99 VAKUUM	13030
R 2- 957 KERNSPEKTR.	42545			JH 7- 286 MECHANIK	22034	BOECK W	7- 427 ELEKTRIZIT.	26010
	7-1085 KERNSPEKTR.	42545	BO BO	3-2071 FK-SPEKTREN	73355	BOECKMANN K	3- 764 ELEMENTART.	41574
11- 660 BESCHLEUNIG	41030			7- 490 TEILCH.OPT.	27068		8- 944 STARKE WW.	41725
BLCK B	2-1082 KERNREAKTIO	43085	BOADE RR	11-2181 MECH.EIG.FK	66945	BOER EW	2-2394 HALBLEITER	71540
JH 9- 452 TEILCH.OPT.	27013		BOARDWAY JD	10- 108 LABORTECHN.	12570		3-2394 HALBLEITER	71540
LP 5-2862 MAGNETOSPH.	91220		BOARDMAN AD	3- 148 QUANTENTHEO	16553	BOEHLE K	9-1054 KERNREAKTIO	43064
8-2824 MAGNETOSPH.	91250			3-2221 SUPRALEITG.	70520	BOEHM A	2- 75 QUANTENTHEO	16516
MM 6- 732 ELEMENTART.	41583		BOATNER LA	3- 78 LABORTECHN.	12550		7- 140 QUANTENTHEO	16516
10-1009 STARKE WW.	41790			3-2061 FK-SPEKTREN	73355		8-1168 KERNSPEKTR.	42565
11- 821 STARKE WW.	41735		BOATO G	6-2193 FK-SPEKTREN	73355		9- 897 KERNSTRUKT.	42030
11-1025 KERNSPEKTR.	42535		BOBB LC	2-2309 HALBLEITER	71510		9- 912 KERNSTRUKT.	42075
12-1137 STARKE WW.	41790			12-2350 MECH.EIG.FK	66545		G 7- 627 OPT.INSTRUM	28535
BLDBETT JR. A.J.					57263		M 4- 984 STARKE WW.	41760
	1-2533 OPT.EIG.FK	73605	BOBELDIJK C	10-1745 PLASMA	57023	BOEHM VITENSE E.		
BLMBERGEN N	1-1481 MOLEKUELE	52540	BOBIN JL	7-1514 PLASMA	57023		9-2918 STERNE	94020
	8- 82 UNTERRICHT	12045	BOBKOV YP	1- 364 HYDRODYNAM.	23040	BOEHME E	1- 369 HYDRODYNAM.	23060
	8-2564 FK-SPEKTREN	73380	BOBLER O	5-1955 KRIST.FEHL.	66025	H 4-1801 FLUESSIGK.	58557	
BLBESS D	3- 665 KERN-MESSG.	40512		8-1930 KRIST.FEHL.	66025	BOEHMER H	11-2080 KRIST.FEHL.	66020
BLBETEKJAER K	1-2222 LEITFHGK.FK	70060	BOBONE R	4-1303 K-REAKTOREN	43515	BOEKER E	6- 992 KERNSPEKTR.	42565
	11-2713 HALBLEITER	71540	BOBONETS II	12-2230 KRIST.FEHL.	66015		10-1038 KERNSTRUKT.	42070
BLCH H	1- 488 ELEKTRODYN.	26530	BOBOVICH YS	2-1267 MOLEKUELE	52540	BOELHOUWER JWM	1-1764 FLUESSIGK.	58540
J 2-2408 HALBLEITER	71590			6-1763 FLUESSIGK.	58573	BOELLA G	12-3306 KOSH.STRLG.	90630
	2-2410 HALBLEITER	71590		9-1719 FLUESSIGK.	58573	BOELLING F	2-2107 MAGN.EIG.FK	69040
	2-2411 HALBLEITER	71590		10-1554 MOLEKUELE	52540		9-2138 MAGN.EIG.FK	69060
	2-2426 PHOTOLEITG.	72500		10-2606 FK-SPEKTREN	73340	BOEMMEL HE	5-2093 GITTERDYN.	67060
	5-1090 KERNSPEKTR.	42565	BOBROFF DL	4-1711 PLASMA	57235		11-2211 GITTERDYN.	67060
BLKH OG	7-2539 OPT.EIG.FK	73610	BOBROV AV	5-1383 MOLEKUELE	52516	BOENSCH G	12-3148 OPT.EIG.FK	73650
	7-2540 OPT.EIG.FK	73610		VN 6-2754 GEOMAGNET.	90400	BOER DE E	6-3001 HOEREN	96310
	4-2698 KOSH.STRLG.	90600	BOBROVICH VP	10-2713 OPT.EIG.FK	73635	FR 5-2239 MAGN.EIG.FK	69023	
BLKHIN MA	1-1861 KRISTALLE	65584	BOBROVNIKOV MS	10- 689 PHYS.OPTIK	29030		11-2443 MAGN.EIG.FK	69060
	1-2448 FK-SPEKTREN	73315		YA 7-1820 KRISTALLE	65545		5-1085 KERNSPEKTR.	42565
	5-1261 FK-SPEKTREN	73315	BOBROVSKII YL	4- 576 HF-TECHNIK	27530		12-1271 KERNSPEKTR.	42565
BLKHINTSEV DI	1- 154 QUANTENTHEO	16526	BOBRYSEVA AI	8-2284 LEITFHGK.FK	70053		12-1318 KERNREAKTIO	43018
	12- 81 BUECHER	11020		12-2654 LEITFHGK.FK	70053			

BOER DE - BONGERS

BOER DE	JH	5-1718	GASE	58045	BOHIGAS	O	11- 982	KERNSTRUKT.	42070	BOLLINGER	LM	7- 784	KERN-MESSG.	42		
		5-1719	GASE	58045	BOHLEN	H	6-1325	ATOME	52065	BOLLINI	CG	5- 199	QU.FELDTHEO	113		
		5-1720	GASE	58045	BOHLIN	L	8-2074	GITTERDYN.	67020			10- 179	QUANTENTHEO	113		
		5-1721	GASE	58045	BOHM	D	1- 107	MATH.PHYSIK	16000			10- 879	ELEMENTART.	41		
		5-1722	GASE	58045			7-1696	FLUESSIGK.	58525			2-1093	KERNREAKTIO	42		
	PCT	9-1444	PLASMA	57026			9- 130	QUANTENTHEO	16523	BOLLMANN	W	3-1818	KRIST.FEHL.	61		
BOERBOOM	AJH	5-1707	GASE	58025			10-1011	STARKE WW.	41790			9-1868	KRIST.FEHL.	61		
		9-1541	PLASMA	57235			12-1139	STARKE WW.	41790	BOLOGNA	G	1-1330	KERNSTRHLG.	42		
BOERNER	M	7- 255	FELDTHEORIE	18010			3-1933	GITTERDYN.	67060	BLOMEY	JC	9- 604	PHYS.OPTIK	2		
		7- 256	FELDTHEORIE	18010			5-2087	GITTERDYN.	67060	BLOMIER	JP	1-2023	DIELEKTRIKA	61		
	S	7-2158	MAGN.EIG.FK	69045			7-2054	GITTERDYN.	67060	BOLON	GC	5- 837	ELEMENTART.	41		
BOERS	AL	10- 120	VAKUUM	13020			9-1776	KRISTALLE	65560	BOLOTIN	GA	5-2639	OPT.EIG.FK	7		
		11-1842	GASE	58000			10-1951	KRISTALLE	65560			1-1096	KERNSPEKTR.	42		
BOERSCH	H	2- 421	TEILCH.OPT.	27016	BOHME	DK	7-2773	IONOSPHERE	91020			3- 941	KERNSPEKTR.	42		
		3-2597	DUENNE SCHI	74020	BOHN	T	6- 39	BUECHER	11020			3- 968	KERNSPEKTR.	42		
		8-1306	ATOME	52070			2-1434	PLASMA	57020			10-1234	KERNREAKTIO	42		
		10- 550	MASER,LASER	28030			7-1585	PLASMA	57096			12-1212	KERNSPEKTR.	42		
		10- 662	OPT.INSTRUM	28570			12-1731	PLASMA	57015			9-1528	PLASMA	5		
		12-2386	GITTERDYN.	67020			8-1225	KERNREAKTIO	43064			2-2133	MAGN.EIG.FK	61		
BOERSTOEL	BM	10- 96	LABORTECHN.	12530			10-1222	KERNREAKTIO	43044			9-1147	KERNSTRHLG.	42		
BOESCH	R	7-1186	KERNREAKTIO	43052			11-1037	KERNSPEKTR.	42540			9-2160	MAGN.EIG.FK	61		
BOESCHOTEN	F	5-1542	PLASMA	57030	BOHNING	D	5- 921	STARKE WW.	41745			12-2518	MAGN.EIG.FK	61		
		12-1894	GASENTLADG.	57840	BOHR	A	11- 977	KERNSTRUKT.	42060	BOLOTNIKOVA	TN	4-1509	MOLEKUELE	5		
BOESE	RW	12-1662	MOLEKUELE	52560			11-1017	KERNSPEKTR.	42515	BOLOTOV	VN	6-1057	KERNREAKTIO	42		
BOESENBERG	J	7-2616	DUENNE SCHI	74060	BOHUN	A	1-2461	FK-SPEKTREN	73320			11- 828	STARKE WW.	41		
BOETTCHER	AL	5-1761	FLUESSIGK.	58530	BOIKO	BB	3- 496	MASER,LASER	28040	BOLOTOVSKII	BM	6- 209	FELDTHEORIE	113		
	J	7-2474	FK-SPEKTREN	73355			6- 409	MASER,LASER	28045	BOLSHAKOV	PE	3-1517	GASE	5		
	W	4-2655	ERDKOERPER	90210			11- 448	MASER,LASER	28045	BOLSHANINA	MA	1-1924	MECH.EIG.FK	61		
BOETTGER	H	7-2467	FK-SPEKTREN	73355			12- 602	MASER,LASER	28040			4-1919	KRIST.FEHL.	61		
		9-2471	FK-SPEKTREN	73355			8-1899	KRISTALLE	65582			12-2215	KRISTALLE	61		
	O	2-2420	THERMOELEKT	72030			11-3081	DUENNE SCHI	74020	BOLSHOV	VI	8-1245	KERNREAKTIO	42		
		10- 8	BIOGRAPHIEN	10212			EB	12-2210	KRISTALLE	65588	BOLSHOVA	KV	12-3174	DUENNE SCHI	7	
BOETTICHER	W	8-1604	PLASMA	57050			II	1-2350	HALBLEITER	71530	BOLSHUTKIN	DN	1- 321	ELASTIZIT.	2	
BOEYENS	JCA	12-2451	THERMEIG.FK	67556				4-2338	HALBLEITER	71530			2-1842	MECH.EIG.FK	61	
BOFFI	S	5-1044	KERNSPEKTR.	42540				10-2130	MECH.EIG.FK	66556			11-2169	MECH.EIG.FK	61	
		6- 899	KERNSTRUKT.	42075				11-2664	HALBLEITER	71530	BOLSNANINA	MA	1-1910	MECH.EIG.FK	61	
		10-1040	KERNSTRUKT.	42070				10-2734	OPT.EIG.FK	73645	BOLSTERLI	M	8-1056	KERNSTRUKT.	42	
	YC	12-1412	K-REAKTOREN	43515				5-1676	GASENTLADG.	57870			10- 248	QU.FELDTHEO	113	
BOGACHEV	GA	11-2935	FK-SPEKTREN	73360				9-2862	SONNENPHYS.	93328	BOLT	BA	1-2686	ERDKOERPER	91	
	IN	7-2171	MAGN.EIG.FK	69050				3-1962	GITTERDYN.	67070			6-2748	ERDKOERPER	91	
	VS	5-2144	DIELEKTRIKA	68020				7-2485	FK-SPEKTREN	73355	BOLTAKS	BI	2-1748	KRIST.FEHL.	61	
BOGAN JR.	A	10-1025	KERNSTRUKT.	42020				8-2259	LEITFHGK.FK	70024			6-2002	KRIST.FEHL.	61	
		11- 698	ELEMENTART.	41543				3-1837	KRIST.FEHL.	66065	BOLTEZAR	E	8- 496	ELEKTRIZIT.	2	
BOGART	D	10-1368	KERNSTRHLG.	44010				4-1907	KRIST.FEHL.	66020	BOLTON	JG	4-2883	KOSM.PHYSIK	91	
BOGATKIN	VI	5- 730	KERN-MESSG.	40512				6-1879	KRIST.FEHL.	66015			9-2986	KOSM.PHYSIK	91	
BOGATYREV	AF	11- 250	MECHANIK	22036	BOIKOVA	RF	4- 757	PHYS.OPTIK	29053			11-3444	KOSM.PHYSIK	91		
	YK	4- 759	PHYS.OPTIK	29053	BOILEAU	AR	1- 518	TEILCH.OPT.	27068			8-1448	MOLEKUELE	5		
BOGATYRYEV	IF	1-1750	FLUESSIGK.	58527				10-2899	LUFTHUELLE	90860			7-1593	PLASMA	5	
BOGDAN	D	3- 891	KERNSTRUKT.	42070				11-3284	LUFTHUELLE	90860	BOLTZ	DF	10- 635	OPT.INSTRUM	21	
		3- 908	KERNSPEKTR.	42515				4- 705	PHYS.OPTIK	29010	BOLWIJN	PT	5- 50	UNTERRICHT	12	
		4-1140	KERNSPEKTR.	42565				7- 679	PHYS.OPTIK	29020			5- 573	MASER,LASER	21	
		8-1166	KERNSPEKTR.	42565				9- 501	MASER,LASER	28040	BOMKE	HA	7-2767	IONOSPHERE	91	
		12-1275	KERNSPEKTR.	42565	BOILLAT	G	1- 260	FELDTHEORIE	18020	BOMMEL VAN	AJ	1-2647	GRENZFL.FK	74		
BOGDANKEVICH	L.S.							4- 537	ELEKTRODYN.	26540			3-2673	GRENZFL.FK	74	
		11-1734	PLASMA	57055	BOIRAT	R	4- 478	WAERME	24070			4-2375	HALBLEITER	71		
	OV	3- 515	MASER,LASER	28050	BOIS	D	11-3194	GRENZFL.FK	74570	BOMSE	F	2- 797	STARKE WW.	41		
		5- 569	MASER,LASER	28050	BOISCHOT	A	6-2874	SONNENPHYS.	93328			3- 803	STARKE WW.	41		
		5-2660	OPT.EIG.FK	73625				7-2836	SONNENPHYS.	93312			6- 812	STARKE WW.	41	
BOGDANOV	AP	1-1210	KERNREAKTIO	43046	BOISSAN	J	6-2590	OPT.EIG.FK	73650			6- 822	STARKE WW.	41		
	DD	8-1147	KERNSPEKTR.	42555	BOITEUX LE	H	5- 294	ELASTIZIT.	22520	BON	AM	1-2493	FK-SPEKTREN	73		
		10-1130	KERNSPEKTR.	42555	BOITHIAS	L	8-2809	IONOSPHERE	91072	BONAMY	J	4- 618	MASER,LASER	28		
	EP	7- 229	STATISTIK	17523	BOITI	M	10- 865	ELEMENTART.	41570			11- 438	MASER,LASER	28		
	RV	2-2536	OPT.EIG.FK	73625	BOITSOV	VF	6- 401	MASER,LASER	28040	BONATZ	M	9-2707	ERDKOERPER	91		
	VI	11-3218	ERDKOERPER	90210				12- 641	MASER,LASER	28055	BONAZZOLA	S	7- 273	FELDTHEORIE	113	
	VL	3-1877	MECH.EIG.FK	66540	BOIVIN	A	4- 17	BIOGRAPHIEN	10220	BONCEV	D	8-1400	MOLEKUELE	5		
		4-2013	GITTERDYN.	67020				4- 717	PHYS.OPTIK	29020	BONCH BRUEVICH	A.M.				
	VS	11-2266	THERMEIG.FK	67556				4- 734	PHYS.OPTIK	29035			3-1191	ATOME	5	
BOGDANOVIC	M	7-1050	KERNSPEKTR.	42530				2- 994	KERNSPEKTR.	42570			6-2613	OPT.EIG.FK	73	
	R	6-1876	KRIST.FEHL.	66015				3- 944	KERNSPEKTR.	42550			8- 603	MASER,LASER	21	
BOGEMSKAYA	EA	7-1801	KRISTALLE	65530				10-1129	KERNSPEKTR.	42555			11-1904	FLUESSIGK.	58	
		11-2546	LEITFHGK.FK	70020	BOIVINEAU	JC	5-1925	KRISTALLE	65584			VL	2-2361	HALBLEITER	71	
BOGEN	P	9- 553	OPT.INSTRUM	28516	BOIZEN DOSSIER	B.							2-2487		73	
BOGER	RC	9-1460	PLASMA	57045				7- 676	PHYS.OPTIK	29010			4-2339	HALBLEITER	71	
BOGESS III A		9-2911	STERNE	94000	BOJKO	I	12-3003	FK-SPEKTREN	73355	BONCH	OSMOLOVSKAYA	N.A.				
BOGGS	JE	5-1457	MOLEKUELE	52562	BOJTOR	J	7-2977	STRAHL-BIOL	97010			9- 984	KERNSPEKTR.	42		
		9-1346	MOLEKUELE	52562	BOK	J	1-2212	LEITFHGK.FK	70056	BONCHEV	T	6- 557	KERN-MESSG.	40		
BOGH	E	3-2660	GRENZFL.FK	74520				8-2291	LEITFHGK.FK	70056	BONCHKOVSKII	V.I.				
		4-1327	KERNSTRHLG.	44030				10-2441	SUPRALEITG.	70520			3-2507	FK-SPEKTREN	73	
		11-2137	KRIST.FEHL.	66065	BOKAREVA	NN	2-1618	KRISTALLE	65516	BONCZYK	PA	3-1140	MOLEKUELE	5		
BOGHOSIAN	C	3-1557	FLUESSIGK.	58527	BOKHAN	NI	9- 430	ELEKTRIZIT.	26050	BOND	FR	8-2736	GEOMAGNET.	91		
		5-1745	FLUESSIGK.	58525				10- 605	MASER,LASER	28055			7-2892	STERNE	91	
BOGOD	YA	3-2369	HALBLEITER	71520	BOKHARI	MS	1- 731	KERN-MESSG.	40530			RL	5- 646	OPT.INSTRUM	28	
		5-2462	HALBLEITER	71520	BOKOV	OG	11- 780	STARKE WW.	41720	BONDAR	SA	1-1438	ATOME	52		
		9-2269	HALBLEITER	71520				1-2009	THERMEIG.FK	67556	BONDARENKO	AN	7- 545	MASER,LASER	28	
BOGOLIUBOV PN		9- 801	STARKE WW.	41760				2-2137	MAGN.EIG.FK	69060			7-1637	GASENTLADG.	57	
BOGOLIUBOV NN		1- 195	QU.FELDTHEO	17000				12-2563	MECH.EIG.FK	69045			EG	10-2583	FK-SPEKTREN	73
BOGOLYUBSKII S.D.													NG	5- 563	MASER,LASER	28
		9-2027	THERMEIG.FK	67550	BOKSHEIN	SZ	9-1937	MECH.EIG.FK	66545				12- 611	MASER,LASER	28	
BOGOMOLOV	AA	12-2494	DIELEKTRIKA	68030	BOKUT	BY	8-2569	FK-SPEKTREN	73380			VG	7-1606	PLASMA	57	
	AM	6-1624	FLUESSIGK.	58510	BOKY	LP	7-2160	MAGN.EIG.FK	69045			VN	9-2351	PHOTOLEITG.	72	
	EA	5- 744	KERN-MESSG.	40532	BOL	K	7-1616	PLASMA	57263			W	3-1040	KERNREAKTIO	43	
		12- 545	TEILCH.OPT.	27013				4- 671	OPT.INSTRUM	28535						
	GD	12-3021	FK-SPEKTREN	73360	BOLAND	RJ	9- 55	LABORTECHN.	12510							
	VN	2-2488	FK-SPEKTREN	73330	BOLARD	J	9-2547	OPT.EIG.FK	73605							
		9-2449	FK-SPEKTREN	73330	BOLDT	E	12-3441	STERNE	94050	BONDAREV	BI	6- 638	BESCHLEUNIG	41		
		12-2655	LEITFHGK.FK	70053				5-1262	ATOME	52040			8- 578	MASER,LASER	28	
BOGORAD	LM	12-2997	FK-SPEKTREN	73355	BOLDYREV	II	4-2386	HALBLEITER	71590			DE	8-2195	MAGN.EIG.FK	61	
BOGORODITSKII N.P.		4- 120														

ERS	PF	9-2404 FK-SPEKTREN	73325	BORELIUS	G	1- 442 THERMODYN.	24530	BORTKEVICH	AV	10-1554 MOLEKUELE	92940
AM	RA	12-2143 KRISTALLE	65545	BORENSTEIN	S	2- 797 STARKE WW.	41730			10-2606 FK-SPEKTREN	73340
		6-1348 MOLEKUELE	52580			3- 803 STARKE WW.	41730	BORTNIK	MV	4-1963 KRIST.FEHL.	66074
		7-1352 ATOME	52070			6- 812 STARKE WW.	41764			6-2459 HALBLEITER	71566
		8-1356 ATOME	52070	BORESKOV	KG	2- 730 ELEMENTART.	41563	BORTNIKOV	AV	2-1462 PLASMA	57266
		8-1491 MOLEKUELE	52580			10- 859 ELEMENTART.	41563			6-1496 PLASMA	57055
OMME	P	11- 391 TEILCH.OPT.	27030	BORETS	AN	3-2512 FK-SPEKTREN	73330		YS	7- 384 WAERME	24026
	A	6-2885 PLANETEN	93613	BORG	K	2-2875 KOSM.PHYSIK	94520	BORUP	A	11-1594 MOLEKUELE	52575
		9-2874 PLANETEN	93613		RJ	3-1637 KRISTALLE	65545	BORYSIEWICZ	M	6-1121 K-REAKTOREN	43515
	AA	7-1586 PLASMA	57202			5-1867 KRISTALLE	65545			10-1354 K-REAKTOREN	43515
TTZ	M	3- 976 KERNSPEKTR.	42565	BORGARAT	AA	10- 251 QU.FELDTHEO	17025	BORYSOWICZ	J	11- 975 KERNSTRUKT.	42050
		10-1149 KERNSPEKTR.	42565	BORGARDT	AA	9- 143 QUANTENTHEO	16530	BORZEIJ	J	12-1766 PLASMA	57050
		12-1289 KERNSPEKTR.	42570	BORGESE	A	2- 744 ELEMENART.	41574	BORZESKOWSKI	V	H.H.	
		10-2049 KRIST.FEHL.	66062			6- 776 STARKE WW.	41730			7- 266 FELDTHEORIE	18042
	P	7- 451 TEILCH.OPT.	27010			8- 969 STARKE WW.	41730	BORZHKOVSKY	VF	10-1210 KERNREAKTIO	43034
AFOUS	C	1-1844 KRISTALLE	65572			3- 976 KERNSPEKTR.	42565	BORZYAK	AN	1- 340 HYDRODYNAM.	23020
EFILLE	R	2-1361 PLASMA	57053	BORGGREEN	J	3- 996 KERNSPEKTR.	42575	BOSACCHI	B	12-2867 FK-SPEKTREN	73320
EELLE	C	3- 798 STARKE WW.	41725			12-1269 KERNSPEKTR.	42565	BOSACEK	V	3-2675 GRENZFL.FK	74535
		4-2815 SONNENPHYS.	93300			12-1287 KERNSPEKTR.	42570	BOSANQUET	LP	5- 412 WAERME	24070
		5-2558 FK-SPEKTREN	73315	BORGHESE	C	9-2127 MAGN.EIG.FK	69045	BOSCAINO	R	7-2513 FK-SPEKTREN	73380
HEMAY	M	7- 88 LABORTECHN.	12580			9-2180 LEITFHOK.FK	70028	BOSCH	G	9-2357 PHOTOLEITG.	72510
HEENBERG	D	10-1985 KRISTALLE	65584	BORGHINI	M	1- 758 BESCHLEUNIG	41020	HE		3- 948 KERNSPEKTR.	42555
HEER	BE	6- 549 KERN-MESSG.	40510			1- 759 BESCHLEUNIG	41020			4-1068 KERNSTRUKT.	42075
	OD	9-1643 FLUESSIGK.	58520			8-2554 FK-SPEKTREN	73370			4-1069 KERNSTRUKT.	42075
	WA	4-2471 FK-SPEKTREN	73380			10-2656 FK-SPEKTREN	73370			7-1045 KERNSPEKTR.	42510
HEEROT	J	2-2297 METAL.LEITG	71000	BORIGHT VAN DER R.		9-2910 STERNE	94030			7-1108 KERNSPEKTR.	42560
		11-2446 MAGN.EIG.FK	69060			9-2910 STERNE	94030	BOSCH VAN DEN A.		9- 921 KERNSPEKTR.	42510
HEET	A	1- 886 STARKE WW.	41745	BORGIA	B	10- 877 ELEMENTART.	41576			6-1997 KRIST.FEHL.	66073
	D	3-2333 SUPRALEITG.	70540	BORGMAN	J	10-3093 KOSM.PHYSIK	94550	BOSCHI	LA	5- 100 VAKUUM	13013
		10-2495 HALBLEITER	71570	BORGONOVJ	B	2-1893 GITTERDYN.	67040	BOSCHITZ	ET	1-1263 KERNREAKTIO	43080
	G	2- 661 KERN-MESSG.	40582	BORIE	B	2- 598 PHYS.OPTIK	29058			11-1245 KERNREAKTIO	43052
		10-2282 MAGN.EIG.FK	69035	BORIES	S	6- 311 WAERME	24050			11-1324 KERNREAKTIO	43075
	RM	11- 536 PHYS.OPTIK	29010	BORISEVICH	NA	8-1435 MOLEKUELE	52538	BOSCO	B	12-1382 KERNREAKTIO	43075
HEEVIER	B	1-2793 SONNENPHYS.	93320			12- 654 MASER,LASER	28060			1- 831 ELEMENTART.	41574
HEER	B	2-1356 PLASMA	57030	BORISHANSKY	VM	12- 675 OPT.INSTRUM	28540			11-1221 KERNREAKTIO	43042
IER	E	8- 205 QUANTENTHEO	16553	BORISOV	AE	12-1633 MOLEKUELE	52538	BOSE	CD	1- 69 LABORTECHN.	12515
		5-1773 FLUESSIGK.	58540		AV	2- 337 WAERME	24060		DM	12- 3 BIOGRAPHIEN	10210
		6-1699 FLUESSIGK.	58550		M	8-1434 MOLEKUELE	52538		HN	9-2314 HALBLEITER	71566
LIJNS	E	8-1785 THERMEIG.FK	67556		AE	1-2579 OPT.EIG.FK	73625		S	1- 882 STARKE WW.	41745
LIIN	JC	2-1810 KRIST.FEHL.	66079		M	10-2405 LEITFHOK.FK	70072			1- 882 STARKE WW.	41745
COR	WB	5- 280 ELASTIZIT.	22500			10-2706 OPT.EIG.FK	73610			9- 876 STARKE WW.	41773
		4- 328 FELDTHEORIE	18042			11- 402 HF-TECHNIK	27520		SK	4-1014 STARKE WW.	41770
		10-3111 KOSM.PHYSIK	94565		MG	11-2208 MECH.EIG.FK	66556			6- 794 STARKE WW.	41753
		12- 347 FELDTHEORIE	18042		NF	8-1459 MOLEKUELE	52560			6- 795 STARKE WW.	41753
OOT	A	2-2529 OPT.EIG.FK	73645		NM	2- 400 ELEKTRODYN.	26540			7- 873 ELEMENTART.	41570
		3-2393 HALBLEITER	71540		SV	1- 445 THERMODYN.	24520			8-1026 STARKE WW.	41762
	R	10-1651 PLASMA	57020			11-2051 KRISTALLE	65584		TK	9- 850 STARKE WW.	41753
		10-1652 PLASMA	57020		VP	7- 807 KERN-MESSG.	40580			3-1511 GASE	58025
EE	U	9- 572 OPT.INSTRUM	28545	BORISOVA	VS	8- 801 KERN-MESSG.	40580	BOSECK	S	4-2129 FK-SPEKTREN	73369
ECHEV	L	8-2437 PHOTOLEITG.	72510			4- 963 STARKE WW.	41740			8-2956 BIOPHYSIK	96040
		8-2438 PHOTOLEITG.	72510			4-1290 KERNREAKTIO	43092	BOSHNYAK	LL	10- 366 HYDRODYNAM.	23010
PHONNEAU	HP	11- 794 STARKE WW.	41725		NM	3- 416 TEILCH.OPT.	27040	BOSI	G	7- 434 ELEKTRIZIT.	26030
EEL		2-1738 KRIST.FEHL.	66025		ZU	2-2212 HALBLEITER	71530			8- 511 ELEKTRODYN.	26510
		10-2021 KRIST.FEHL.	66020	BORK	AM	5-2471 HALBLEITER	71530	BOSIO	L	1-2289 SUPRALEITG.	70550
	DL	7- 123 MATH.PHYSIK	16020			5- 10 BIOGRAPHIEN	10220			12-2362 MECH.EIG.FK	66550
ER	GR	4-2550 DUENNE SCHI	74010	BORKIN	IM	7-1799 KRISTALLE	65530	BOSMAN	AJ	1-2307 HALBLEITER	71520
		7-2626 KRISTALLE	65572			4-1108 KERNSPEKTR.	42550			10-2215 DIELEKTRIKA	68020
		12-3166 DUENNE SCHI	74010	BORKMAN	RF	6-1076 KERNREAKTIO	43056	BOSNJAKOVIC	B	9- 945 KERNSPEKTR.	42545
Y VAN DEN H	DAE	5- 524 HF-TECHNIK	27560			3-1207 MOLEKUELE	52512			9-1043 KERNREAKTIO	43054
I	JP	5-1858 KRISTALLE	65518	BORLAND	RE	12- 200 QUANTENTHEO	16526	BOSOMWORTH	DR	3-2327 SUPRALEITG.	70540
		6- 196 STATISTIK	17545	BORMAN	VD	10-1378 KERNSTRHLG.	44030			4-2451 FK-SPEKTREN	73330
		6- 197 STATISTIK	17545			9-1332 MOLEKUELE	52547			8- 672 OPT.INSTRUM	28570
RSE	HA	3-1542 FLUESSIGK.	58527	BORMANN	M	9-1601 GASE	58010	BOSQUED	JM	7- 488 TEILCH.OPT.	27068
	EG	4-1026 STARKE WW.	41783	BORMS	F	4-1213 KERNREAKTIO	43044	BOSSHARD	R	1- 533 HF-TECHNIK	27540
		6- 860 STARKE WW.	41783	BORN	OK	12-2257 KRIST.FEHL.	66030	BOSSELER	FC	12-1704 POLYMERE	53510
ITH	BL	12-2612 LEITFHOK.FK	70024	BORNEMISZA	PAUSPERTL P.	10- 597 MASER,LASER	28055	BOSSELASCO M.		2-2794 IONOSPHERE	91050
		12-2613 LEITFHOK.FK	70024			12-1719 PLASMA	57010	BOSTANDZHIYAN	S.A.		
JG		7-2183 MAGN.EIG.FK	69065			9-1027 KERNREAKTIO	43046	BOSTANDZHIYAN	N.K.	1- 338 HYDRODYNAM.	23020
NE		2- 814 STARKE WW.	41740	BORNHORST	WJ	6- 315 THERMODYN.	24533			4- 822 KERN-MESSG.	40560
PSL		6- 694 ELEMENTART.	41546	BORNMAN	CH	1-1226 KERNREAKTIO	43054	BOSTANJOGLO O		6-2646 DUENNE SCHI	74020
R		3-1637 KRISTALLE	65545			10-1096 KERNSPEKTR.	42545	BOSTON	CR	8-1814 FLUESSIGK.	58573
		10- 794 BESCHLEUNIG	41020	BORODIN	VS	3-1170 PLASMA	57010			8-1820 FLUESSIGK.	58576
	RS	5-1220 KERNSTRHLG.	44010			4-1390 PLASMA	57010	BOSWARVA	IM	8-1923 KRIST.FEHL.	66010
THROUD	GA	10-3137 HOEREN	96320	BORODKINA	NK	5-2746 DUENNE SCHI	74065			8-1924 KRIST.FEHL.	66010
TSMIA	A	8-2684 GRENZFL.FK	74535	BORODKO	YG	3-1883 MECH.EIG.FK	66545	BOTAKI	AA	1-1980 GITTERDYN.	67070
Y	R	5-2179 FK-SPEKTREN	73370	BORODULIN	AA	4- 440 AKUSTIK	23510			11-2168 MECH.EIG.FK	66514
Z	J	10-3128 BIOPHYSIK	96040	BOROM	MP	4-1777 FLUESSIGK.	58530	BOTHNER BY	AA	11-1561 MOLEKUELE	52550
P	F	1- 241 STATISTIK	17563	BORONINA	LV	5- 279 MECHANIK	22050	BOTHOREL	P	3- 654 PHYS.OPTIK	29080
		1- 242 STATISTIK	17563	BOROSSAY	J	10- 124 VAKUUM	13025	BOTNICK	EM	8- 780 KERN-MESSG.	40550
		1- 926 STARKE WW.	41755	BOROVIK	AE	8-1606 PLASMA	57050	BOTS	GJC	3-2329 SUPRALEITG.	70540
		6- 1 ALLGEMEINES	10000			10-2279 MAGN.EIG.FK	69030			12-2970 FK-SPEKTREN	73355
		12- 292 QU.FELDTHEO	17050	BOROVISZ	ES	1-1710 GASENTLADG.	57860	BOTT	BODENHAUSEN	M.	
BEY	J	2-2466 OPT.EIG.FK	73605			2-1497 GASENTLADG.	57860			7- 858 ELEMENTART.	41546
CARD	I	10-1174 KERNREAKTIO	43005	BOROVIK ROMANOV	A.S.	5-2212 FK-SPEKTREN	73360	BOTTEGA	A	12-1368 KERNREAKTIO	43064
CHARDT	HJ	6-1716 FLUESSIGK.	58557			6-1823 KRISTALLE	65545	BOTTEMA	M	6-2800 LUFTUELLE	90820
CHERTD	W	9-1816 KRISTALLE	65584	BOROVINSKII	LA	12-2095 KRISTALLE	65510	BOTTER	R	5-1310 ATOME	52070
CHERS	H	11-1875 FLUESSIGK.	58510			4- 512 ELEKTRIZIT.	26012			10-1532 MOLEKUELE	52560
	HJ	7-2017 MECH.EIG.FK	66550	BOROVKOVA	IP	4-1081 KERNSPEKTR.	42515	BOTTERILL	DR	12-1665 MOLEKUELE	52560
	RR	12- 293 QU.FELDTHEO	17060	BOROVY	AA	6- 518 PHYS.OPTIK	29040		GL	6- 688 ELEMENTART.	41546
		3- 958 KERNSPEKTR.	42560		AG	7- 681 PHYS.OPTIK	29030	BOTTGER		2-2483 FK-SPEKTREN	73330
		5-1095 KERNSPEKTR.	42570	BOROVSKII	IB	1-1331 KERNSTRHLG.	44035			9-2431 FK-SPEKTREN	73330
		6-1811 KRISTALLE	65545			1-1845 KRISTALLE	65572	BOTTINELLI	L	2-2882 KOSM.PHYSIK	94550
		9-1763 KRISTALLE	65545			1-2455 FK-SPEKTREN	73315			5-2960 KOSM.PHYSIK	94550
CHERT	C	3-2341 SUPRALEITG.	70560	BOROVSKY	IB	9- 569 OPT.INSTRUM	28535	BOTTKA	M	7-2532 OPT.EIG.FK	73605
	H	3-2700 ERDKOERPER	90210	BORRELLI	NF	6-2565 OPT.EIG.FK	73610	BOTTOMS	PJ	12-1914 GASENTLADG.	57840
		4-2655 ERDKOERPER	90210	BORRMANN	G	7- 684 PHYS.OPTIK	29038	BOTTREAU	A	11-1782 PLASMA	57210
CKMANS	P	1-2116 MAGN.EIG.FK	69025	BORS	A	12- 171 MATH.PHYSIK	16020	BOTTS	JA	10- 399 HYDRODYNAM.	23070
DE	C	2-1306 MOLEKUELE	52585	BORSA	F	7-2502 FK-SPEKTREN	73370	BOUANICH	JP	5-1395 MOLEKUELE	52534
		6- 427 MASER,LASER	28055	BORSAN	D	8-2641 DUENNE SCHI	74020			11-1567 MOLEKUELE	52560
		9- 477 HF-TECHNIK	27560	BORSARU	M	5-1151 KERNREAKTIO	43052	BOUARD DE	X	7- 858 ELEMENTART.	41546
DEN	AP	3-1067 KERNREAKTIO	43064	BORSENKO	AV	7-2013 MECH.EIG.FK	66545	BOUAZIR	R	1-1810 KRISTALLE	65518
DEN JR. TR		4-2733 LUFTUELLE	90850	BORSHCH	AA	4-2407 PHOTOLEITG.	72510	BOUC	R	3- 113 MATH.PHYSIK	16020
DENAVE	MONTEQUIEU A.			BORSHCHEVSKII	A.S.			BOUCHARD	N	7-1094 KERNSPEKTR.	42550
		6-1468 PLASMA	57055			2-2307 HALBLEITER	71510	BOUCHAREINE	P	6- 455 OPT.INSTRUM	28530
DEERS	JA	5-2360 LEITFHOK.FK	70053			3-2361 HALBLEITER	71510	BOUCHAUD	JP	8-2210 MAGN.EIG.FK	69060
		12-2832 PHOTOLEITG.	72510	BORTAUD	P	5-2664 OPT.EIG.FK	73645	BOUCHE	R	10-1288 KERNREAKTIO	43064
DO	BY	12- 516 ELEKTRIZIT.	26016			8-1785 THERMEIG.FK	67556			12-1370 KERNREAKTIO	43064
DOVITSIN	VA	10- 501 ELEKTRO									

BOUCHER	B	11-2311	MAGN.EIG.FK	69010	BOUYSSY	A	10- 835	ELEMENTART.	41543	BRACE	LH	3-2821	IONOSPHAERE	1
	EA	2-1334	POLYMERE	53540	BOW	YF	5-1019	KERNSTRUKT.	42075			9-2793	IONOSPHAERE	1
BOUCHET	G	7-1793	KRISTALLE	55510	BOWCOCK	JE	2- 754	ELEMENTART.	41580	BRACEWELL	RN	8-3007	KOSM.PHYSIK	1
	P	3-1422	PLASMA	57070			4- 925	ELEMENTART.	41586			9-2832	ASTROPHYSIK	1
BOUCHEZ	R	6- 923	KERNSPEKTR.	42540			10- 843	ELEMENTART.	41550	BRACHEN	PA	7-2802	MAGNETOSPH.	1
		12-1358	KERNREAKTIO	43054			11-1181	KERNREAKTIO	43012	BRACKMANN	RT	3-1182	MOLEKUELE	1
BOUCHIAT	C	1- 258	FELDTHEORIE	18020	BOWDEN	CM	1-1871	KRIST.FEHL.	66025	BRADA	Y	12-2830	PHOTOLEITG.	1
	MA	3- 746	ELEMENTART.	41546		FP	3-1873	MECH.EIG.FK	66516	BRADAMANTE	F	7- 795	KERN-MESSG.	4
		2-1209	ATOME	52065			9- 268	MECHANIK	22050	BRADBURY	A	10-1861	FLUESSIGK.	1
		4-1408	ATOME	52065			11-2174	MECH.EIG.FK	66540		JN	11-3303	IONOSPHAERE	1
		9-1627	FLUESSIGK.	58510		GJ	8-1862	KRISTALLE	65545		S	7- 20	BIOGRAPHIEN	1
BOUCHOULE	A	9-1718	FLUESSIGK.	58573	BOWELL	HG	2-1850	MECH.EIG.FK	66545	BRADFORD	G	7- 780	KERN-MESSG.	4
		5-1574	PLASMA	57055		ELG	6-2910	PLANETEN	93655	BRADLER	J	8- 711	PHYS.OPTIK	1
		7-1556	PLASMA	57075	BOWEN	AJ	11-3225	ERDKUERPER	90260	BRADLEY	CC	5-1459	MOLEKUELE	1
BOUCIQUE	R	11-3199	GRENZFL.FK	74570		DE	10-1845	FLUESSIGK.	58543			9- 573	OPT.INSTRUM	2
BOUDET	R	2- 204	FELDTHEORIE	18020		DK	6- 236	ELASTIZIT.	22530		CJ	11-2294	MAGN.EIG.FK	4
		4- 369	ELASTIZIT.	22520		DR	3- 737	ELEMENTART.	41546			12-2619	LEITFHKG.FK	7
BOUDREAUX	DS	3-2658	GRENZFL.FK	74510			9- 740	ELEMENTART.	41546		D	4-1691	PLASMA	1
BOUGHTON	RI	3- 64	LABORTECHN.	12530		IS	8- 613	OPT.INSTRUM	28500		DJ	1- 633	OPT.INSTRUM	2
		7-2083	THERMEIG.FK	67520		LO	7-1747	FLUESSIGK.	58557			2-2622	DUENNE SCHI	7
BOUGNOT	G	3-2389	HALBLEITER	71530		PH	1-1218	KERNREAKTIO	43052			3-2536	FK-SPEKTREN	2
	J	2-1741	KRIST.FEHL.	66025			11-1240	KERNREAKTIO	43050			6- 485	OPT.INSTRUM	2
BOUHET	C	11-2897	FK-SPEKTREN	73340		R	6- 837	STARKE WW.	41770			10- 563	MASER.LASER	2
BOUIX	M	4- 39	TAGUNGEN	10535		SP	9-2203	LEITFHKG.FK	70070			12- 603	MASER.LASER	2
BOULANGER	JP	5-1073	KERNSPEKTR.	42555	BOWERS	C	11-3481	HOEREN	96310			12- 671	OPT.INSTRUM	2
		5-1080	KERNSPEKTR.	42560		R	2-2319	HALBLEITER	71520			12- 678	OPT.INSTRUM	2
		6- 912	KERNSPEKTR.	42530			10-2389	LEITFHKG.FK	70056		EB	9-1317	MOLEKUELE	1
	P	9-1551	PLASMA	57235		RG	4- 310	STATISTIK	17562		JE	3-1457	PLASMA	1
BOULESTEIX	C	4-2552	DUENNE SCHI	74010		VA	11-2907	FK-SPEKTREN	73355		JN	5-1651	PLASMA	1
		4-2565	DUENNE SCHI	74020	BOWEY	EM	12- 884	KERN-MESSG.	40584			5-1652	PLASMA	1
BOULIGAND	G	6- 229	ELASTIZIT.	22520	BOWHILL	SA	5-2836	IONOSPHAERE	91020			6-1323	MOLEKUELE	1
BOULON	G	1-2549	OPT.EIG.FK	73645	BOWLT	C	7-1938	KRIST.FEHL.	66060			7- 341	HYDRODYNAM.	2
		2-2535	OPT.EIG.FK	73625	BOWMAN	CD	5- 768	KERN-MESSG.	40584		JT	10-2951	ASTROPHYSIK	9
		12-3132	OPT.EIG.FK	73640			6-1030	KERNREAKTIO	43024		NR	12-3166	DUENNE SCHI	7
BOULT	EH	10- 107	LABORTECHN.	12570			6-1032	KERNREAKTIO	43026	BRADNA	F	11- 630	KERN-MESSG.	4
BOULTINGHOUSE	K.D.						9-1089	KERNREAKTIO	43092	BRADSHAW	P	5- 325	HYDRODYNAM.	2
		3- 107	VAKUUM	13030			10-1321	KERNREAKTIO	43092			11- 270	HYDRODYNAM.	2
BOULWARE	DG	8- 251	QU.FELDTHEO	17010			11-1202	KERNREAKTIO	43024	BRADT	H	7-2932	KOSM.PHYSIK	9
BOUMAN	J	1- 697	PHYS.OPTIK	29060		DH	12-1347	KERNREAKTIO	43048		HV	12-3441	STERNE	9
	MA	4- 709	PHYS.OPTIK	29015			3-1580	FLUESSIGK.	58543		RC	9-2751	KOSM.STRLG.	9
		4-2910	SEHEN	96618		DL	12-1998	FLUESSIGK.	58543		FP	7-2122	DIELEKTRIKA	6
BOUNDOK	I	10-1281	KERNREAKTIO	43064			11-3091	DUENNE SCHI	74040	BRADY		10- 851	ELEMENTART.	4
BOUNDS	CL	10-2111	MECH.EIG.FK	66590			11-3146	DUENNE SCHI	74060			11- 836	STARKE WW.	4
BOUNIN	P	4- 828	KERN-MESSG.	40570			12-2754	HALBLEITER	71520			12- 785	KERN-MESSG.	4
		4-1205	KERNREAKTIO	43034		HA	5- 275	MECHANIK	22038		JJ	5- 274	MECHANIK	2
		10-1209	KERNREAKTIO	43034		HR	1- 721	KERN-MESSG.	40510		JL	9-2885	PLANETEN	9
BOUQUET	B	7- 883	ELEMENTART.	41576			6-1111	KERNREAKTIO	43092		LE	2- 539	OPT.INSTRUM	2
BOURASSA	RR	7-2027	HALBLEITER	71540			12-1405	KERNREAKTIO	43092	BRAENDLI	G	10-2428	SUPRALEITG.	7
BOURBON	WT	8-3028	HOEREN	96310		JD	1-1829	FK-SPEKTREN	73310		HP	3- 519	MASER.LASER	2
BOURBONNEUX	F	1-1471	MOLEKUELE	52536			11-1086	KERNSPEKTR.	42595			3- 520	MASER.LASER	2
		2-1256	MOLEKUELE	52536		JJ	4- 740	PHYS.OPTIK	29043			11- 483	MASER.LASER	2
BOURDILA	AM	9-2797	IONOSPHAERE	91045			11-1801	PLASMA	57075	BRAESS	D	4- 924	ELEMENTART.	4
BOURE	J	3- 307	HYDRODYNAM.	23020	BOWMANN	WW	8-1291	KERNSTRHLG.	44030	BRAETER	H	10-1793	GASE	5
BOURG	A	6-2636	DUENNE SCHI	74010		JD	11-1129	KERNSPEKTR.	42565			12-1918	GASE	5
	M	5-1987	KRIST.FEHL.	66060	BOWSER	ML	8- 125	LABORTECHN.	12540	BRAEUNLICH	P	1-2381	HALBLEITER	7
		6-2636	DUENNE SCHI	74010	BOX	HC	1-2063	FK-SPEKTREN	73375			2-2435	PHOTOLEITG.	7
BOURGEOIS	P	2-2577	DUENNE SCHI	74010	BOYADJIEV	AB	11- 801	STARKE WW.	41725			6-2618	OPT.EIG.FK	7
		5-2456	HALBLEITER	71520	BOYADZHIAN	NG	11-3266	KOSM.STRLG.	90646	BRAFFORT	P	1- 494	ELEKTRODYN.	2
	PC	2-2578	DUENNE SCHI	74010	BOYARSKAYA	RV	3- 416	TEILCH.OPT.	27040	BRAFMAN	H	3-2927	HOEREN	9
		5-2723	DUENNE SCHI	74040		YS	8-1996	KRIST.FEHL.	66065		M	1-1887	KRIST.FEHL.	6
BOURGEON	MH	8- 677	OPT.INSTRUM	28570			9-1896	KRIST.FEHL.	66065			6-1925	KRIST.FEHL.	6
BOURGUILLON	R	4- 825	KERN-MESSG.	40565	BOYARSKI	A	11- 741	ELEMENTART.	41574		O	6-2551	FK-SPEKTREN	7
BOURHAM	MA	9-1481	PLASMA	57055		AM	9- 772	ELEMENTART.	41574	BRAGO SIR	L	8- 2	BIOGRAPHIEN	1
BOURIOIUS	GB	3- 652	PHYS.OPTIK	29080	BOYARSKII	LA	8- 452	WAERME	24030	BRAGINSKI	A	6-2221	MAGN.EIG.FK	6
BOURJOT	M	8-2819	MAGNETOSPH.	91226	BOYCE	JF	1- 169	QUANTENTHEO	16553	BRAGINSKII	VB	2- 223	FELDTHEORIE	1
BOURKE	WP	12-1385	KERNREAKTIO	43075			3- 794	STARKE WW.	41725			6- 240	ELASTIZIT.	2
BOURLAND	B	10- 109	LABORTECHN.	12570			10- 157	QUANTENTHEO	16516	BRAGINSKIY	SI	6-2758	GEOMAGNET.	9
	PD	8-1982	KRIST.FEHL.	66062	BOYD	D	2-1046	KERNREAKTIO	43052	BRAGUIER	M	6-2640	DUENNE SCHI	7
BOURN	AJR	2-2014	FK-SPEKTREN	73370		DA	9-1568	PLASMA	57266	BRAHMS	S	5-2318	LEITFHKG.FK	7
BOURNE	AJ	8- 521	TEILCH.OPT.	27010		DP	11- 942	KERNSTRUKT.	42010	BRAICOVICH	L	6-1137	KERNSTRHLG.	4
BOUROT	JM	1- 333	HYDRODYNAM.	23020		GM	11-1255	KERNREAKTIO	43052			7-1278	KERNSTRHLG.	4
		4- 402	HYDRODYNAM.	23020		JH	10- 892	STARKE WW.	41725			9- 949	KERNSPEKTR.	4
		10- 378	HYDRODYNAM.	23020		RG	11-2608	SUPRALEITG.	70520	BRAILOVSKAYA I.Y.				
BOURQUARD	A	10-2409	LEITFHKG.FK	70076		RLF	8-2794	IONOSPHAERE	91030			10- 379	HYDRODYNAM.	2
BOURRELY	C	2- 764	STARKE WW.	41700			12-3425	PLANETEN	93655	BRAILOVSKII EY		7-1967	KRIST.FEHL.	6
		10- 840	ELEMENTART.	41546		TJM	1-1624	PLASMA	57075	BRAIN	TJS	1- 429	GASE	5
BOURRET	A	1- 510	TEILCH.OPT.	27030	BOYE	RJ	12-1591	MOLEKUELE	52512	BRAITHWAITE	WJ	9-1056	KERNREAKTIO	4
		7-2152	MAGN.EIG.FK	69035	BOYER		2-2842	PLANETEN	93612			11-1108	KERNSPEKTR.	4
		9-1869	KRIST.FEHL.	66035		MH	7- 802	KERN-MESSG.	40570	BRALEY	RC	10-1219	KERNREAKTIO	4
		11-2407	MAGN.EIG.FK	69040		P	1-1130	KERNSPEKTR.	42565	BRAMBILLA	M	6-1523	PLASMA	5
	R	3- 196	QU.FELDTHEO	17010		TH	4- 257	QU.FELDTHEO	17010			10-1751	PLASMA	5
BOURSEY	E	1-2611	DUENNE SCHI	74040		AJF	6-2072	GITTERDYN.	67010	BRAMBLETT	RL	3-1017	KERNREAKTIO	4
BOUSMAN JR.	WT	1-2410	HALBLEITER	71580		LL	2-1524	GASE	58060			5-1124	KERNREAKTIO	4
BOUSQUET	C	4-2793	IONOSPHAERE	91045	BOYLE	WS	10- 620	OPT.INSTRUM	28510			11-1194	KERNREAKTIO	4
		6-2818	IONOSPHAERE	91020	BOYLING	JB	8- 231	QUANTENTHEO	16578	BRAMI DEPAUX	B	5- 123	MATH.PHYSIK	1
	P	10-2795	DUENNE SCHI	74060	BOYNTON	RK	2-2894	SEHEN	96600	BRAMLEY	EN	2-2772	IONOSPHAERE	9
BOUT VANDEN PA		7-1306	ATOME	52027	BOYTER	JK	9-1959	GITTERDYN.	67010	BRAMMAN	JJ	7-1824	KRISTALLE	6
		9- 958	KERNSPEKTR.	42555	BOZANIC	DA	5- 458	ELEKTIZIT.	26014	BRAMMER	AJ	9-1907	MECH.EIG.FK	6
BOUTEN	M	1-1003	KERNSTRUKT.	42070	BOZEK	E	10-1265	KERNREAKTIO	43054	BRAMMER JR.	WG	4-1894	KRISTALLE	6
		1-1004	KERNSTRUKT.	42070		BG	11-1023	KERNSPEKTR.	42525	BRAMON	A	3- 144	QUANTENTHEO	1
		2- 968	KERNSPEKTR.	42550		VP	9- 986	KERNSPEKTR.	42565			4-1006	STARKE WW.	4
		2-1017	KERNREAKTIO	43034			12- 772	KERN-MESSG.	40505			9- 873	STARKE WW.	4
		3- 922	KERNSPEKTR.	42540	BOZIC	SM	1- 475	ELEKTIZIT.	26060	BRANCA	FP	5- 378	WAERME	2
	MC	10-1071	KERNSPEKTR.	42540	BOZIN	SE	9-1581	GASENTLADG.	57815	BRANCAZIO	PJ	8-2930	STERNE	9
		12-1205	KERNSPEKTR.	42540	BOZOKI	G	6-2781	KOSM.STRLG.	90636			8-2931	STERNE	9
		1-1004	KERNSTRUKT.	42070	BOZORTH	RM	11-2460	MAGN.EIG.FK	69060	BRAND	GF	12-1797	PLASMA	5
		3- 922	KERNSPEKTR.	42540	BOZOWSKI	S	4-2291	SUPRALEITG.	70530			12-1799	PLASMA	5
		10-1071	KERNSPEKTR.	42540							KW	8- 719	PHYS.OPTIK	2

BH	7-1013	KERNSTRUKT.	42020	BRECHOT S	5-1288	ATOME	52045	BREUER H	3- 46	BUECHER	11040
BL	1-2271	SUPRALEITG.	70520	BRECHOT SAHAL S.				BREUNEVAL J	6-1973	KRIST.FEHL.	66060
	4-2278	SUPRALEITG.	70520		11-1433		53045	BREUNELICH WH	1- 317	ELASTIZIT.	22520
BMM	12-2975	FK-SPEKTREN	73355	BRECKENRIDGE W.H.				BREUSOV ON	6-1040	KERNREAKTIO	43062
DC	2- 638	KERN-MESSG.	40518		6-1350	MOLEKUELE	52575	BREYNOV NN	6-1080	KERNREAKTIO	43062
GB	3- 585	OPT.INSTRUM	28570	BREDERLOW G	12-1846	PLASMA	57206		3-1883	MECH.-EIG.FK	66545
H	4- 691	OPT.INSTRUM	28570	BREDIN DJ	11- 942	KERNSTRUKT.	42010	BREWER DF	2-1462	PLASMA	57266
	6- 275	HYDRODYNAM.	23060	BREDOHL HB	11-3274	LUFTHUELLE	90810		6-1496	PLASMA	57055
JC	6-2873	SONNENPHYS.	93328	BREDOV MM	2-1888	GITTERDYN.	67020		3-1549	FLUESSIGK.	58527
	9-2905	PLANETEN	93650		2-2846	PLANETEN	93630		2- 936	KERNESPEKTR.	42515
NB	2-2207	LEITFHGK.FK	70026		11-3276	LUFTHUELLE	90820		2-1285		52860
	2-2280	SUPRALEITG.	70530	BREE VAN R	11-1046	KERNESPEKTR.	42540		9-1296	MOLEKUELE	52524
	6-2424	HALBLEITER	71520	BREED BR	3-1859	MECH.-EIG.FK	66500		7-1469	MOLEKUELE	52575
	8-2300	LEITFHGK.FK	70065		4-2178	MAGN.-EIG.FK	69050		1- 598	MASER, LASER	28060
OG	1- 312	ELASTIZIT.	22510		11-2445	MAGN.-EIG.FK	69060		5- 688	PHYS.OPTIK	29045
R	12- 949	ELEMENTART.	41560		11-2474	MAGN.-EIG.FK	69060		10- 611	MASER, LASER	28060
RA	4- 280	QU.FELDTHEO	17040	BREEN DP	9-2522	FK-SPEKTREN	73370		11-1085	KERNESPEKTR.	42555
	5- 217	QU.FELDTHEO	17030		2-2194	LEITFHGK.FK	70024		12-3037	FK-SPEKTREN	73370
	5- 222	QU.FELDTHEO	17040		8-2237	LEITFHGK.FK	70022	BREWSTER JL	10- 779	BESCHLEUNIG	41010
	5- 926	STARKE WW.	41750	BREENE JR. RG	5-1458	MOLEKUELE	52562	BREY JR. WS	12-3484	BIOPHYSIK	96040
	6- 167	QU.FELDTHEO	17025		11-1570	MOLEKUELE	52562	BREZHNEV BG	1-1220	KERNREAKTIO	43052
	10- 238	QU.FELDTHEO	17010	BREEZ VV	1- 87	PLASMA	57053	BREZIN E	3- 237	STATISTIK	17560
S	6- 756	STARKE WW.	41725	BREEZE RH	10- 103	LABORTECHN.	12540	BREZINA B	12-2495	DIELEKTRIKA	68030
	10- 984	STARKE WW.	41764	BREGADZE YI	1-2869	STRAHL.BIOL	97010		1-1159	KERNESPEKTR.	42575
	10-2865	KOSM.STRLG.	90630		5- 772	KERN-MESSG.	40584		1-1160	KERNESPEKTR.	42575
	2-2259	SUPRALEITG.	70510		11-1578	MOLEKUELE	52570		2- 937	KERNESPEKTR.	42515
U	3-1266	MOLEKUELE	52580		12- 480	WAERME	24040		4-1164	KERNESPEKTR.	42575
W	11-1390	KERNSTRHLG.	44035	BREGIER R	3- 561	OPT.INSTRUM	28530		7-1143	KERNESPEKTR.	42575
	11-2672	LEITFHGK.FK	70026	BREHAT F	4-2452	FK-SPEKTREN	73330		10-1163	KERNESPEKTR.	42575
	12-1463	ATOME	52010		6-2537	FK-SPEKTREN	73330		10-1166	KERNESPEKTR.	42575
GG	1-1581	PLASMA	57045	BREHLER R	12-3179	DUENNE SCHI	74020	BRIAND P	9-1654	PLASMA	57256
	4-1616	PLASMA	57045	BREHM B	4-1343	ATOME	52010		6-1552	PLASMA	57256
	4-1617	PLASMA	57045		12-1019	STARKE WW.	41725	BRIANDET P	1- 886	STARKE WW.	41745
HH	6-1432	PLASMA	57045	BREIDENBACH M	8- 912	ELEMENTART.	41576	BRIAT B	9- 632	PHYS.OPTIK	29086
	6-1433	PLASMA	57045	BREIG EL	1-1425	ATOME	52070	BRIATORE L	4-2711	KOSM.-STRLG.	90640
	11-1695	PLASMA	57045	BREILAND JG	7-2737	LUFTHUELLE	90820	BRICARD J	3- 690	KERN-MESSG.	40582
LM	7-2768	IONOSPHAERE	91020	BREIT G	2- 901	KERNSTRUKT.	42010		5- 690	PHYS.OPTIK	29045
I	6-2456	HALBLEITER	71566		2-1006	KERNREAKTIO	43014		6-1617	GASE	58045
J	12- 514	ELEKTRIZIT.	26016		5-1173	KERNREAKTIO	43085		7-1666	GASE	58045
D	12- 514	ELEKTRIZIT.	26016		9-1004	KERNREAKTIO	43020	BRICE DK	8-1977	KRIST.FEHL.	66060
	1- 876	STARKE WW.	41740	BREITBART MDS	11- 935	KERNSTRUKT.	42010		7-2809	MAGNETOSPH.	91230
	2- 117	QUANTENTHEO	16575	BREITENECKER M	11-2981	FK-SPEKTREN	73370		3-2832	IONOSPHAERE	91072
	10- 212	QUANTENTHEO	16575	BREITENFELLNER F.	1- 801	ELEMENTART.	41546		5-2869	MAGNETOSPH.	91270
LR	9-1301	MOLEKUELE	52530		11-2177	MECH.-EIG.FK	66545	BRICKMANN J	7-2358	HALBLEITER	71570
JW	2-2482	FK-SPEKTREN	73330	BREITENLOHNER P.				BRICKSTOCK A	5-1145	KERNREAKTIO	43048
SS	12-2306	KRIST.FEHL.	66065		5- 207	QU.FELDTHEO	17020	BRICMAN C	8- 951	STARKE WW.	41725
N	7-2112	DIELEKTRIKA	68020	BREITER G	6- 564	KERN-MESSG.	40518	BRIDENBAUGH PM	3-2044	FK-SPEKTREN	73370
BY	8-2384	HALBLEITER	71530		2-1586	FLUESSIGK.	58568	BRIDGES F	7-1451	MOLEKUELE	52560
MP	10- 623	OPT.INSTRUM	28513	MW	9-2680	GRENZFL.FK	74535		7-2131	FK-SPEKTREN	73370
A	11- 358	ELEKTRIZIT.	26010	BREITHAUPT RW	4-1665	PLASMA	57075		7-2132	FK-SPEKTREN	73370
CA	5-1464	MOLEKUELE	52575		5- 685	PHYS.OPTIK	29043	JM	2-1161	ATOME	52040
	5-1486	MOLEKUELE	52575	BREITLING G	7-1688	FLUESSIGK.	58520	TJ	1- 581	MASER, LASER	28055
	7-1456	MOLEKUELE	52570		8-1719	FLUESSIGK.	58520		4- 668	OPT.INSTRUM	28530
IS	3-1925	GITTERDYN.	67020		8-1719	FLUESSIGK.	58520		7- 564	MASER, LASER	28055
GM	6-1729	FLUESSIGK.	58560	BREITSCHWERDT K.	8-1724	FLUESSIGK.	58520	WB	4- 635	MASER, LASER	28055
H	6-2474	HALBLEITER	71580		4-1806	FLUESSIGK.	58562	BRIDGETT KA	12-1522	ATOME	52040
P	6-2509	FK-SPEKTREN	73320	BREIVOGEL JR. F.W.				CJ	4-1314	KERNSTRHLG.	44010
	8-2599	OPT.EIG.FK	73630		8-1442	MOLEKUELE	52543	KB	7- 340	HYDRODYNAM.	23060
E	1-1552	PLASMA	57030	BREKHOVSKIKH S.M.					10- 622	OPT.INSTRUM	28513
	1-1553	PLASMA	57030		8-1757	FLUESSIGK.	58530	BRIDLE AH	2-2881	KOSM.-PHYSIK	94550
	1-2328	HALBLEITER	71520	BREMOND B	11- 972	KERNSTRUKT.	42050	BRIDOUX M	11- 396	TEILCH.OPT.	27062
	3- 215	STATISTIK	17520	BRENDEL K	2- 315	AKUSTIK	23550	BRIDWELL LB	3-1824	KERNSTRHLG.	44030
G	10-3143	STRAHL.BIOL	97010	BRENIG W	1-1167	KERNREAKTIO	43008	BRIEGER M	1-1393	ATOME	52030
H	7- 759	KERN-MESSG.	40520		3- 213	STATISTIK	17520		6-1188	ATOME	52030
	7- 760	KERN-MESSG.	40520		3- 240	STATISTIK	17563	BRIENZA MJ	3-1940	GITTERDYN.	67060
	11-1332	KERNREAKTIO	43080		6-2277	MAGN.-EIG.FK	69065		10- 564	MASER, LASER	28040
	12-1397	KERNREAKTIO	43080	BRENN R	7-1090	KERNESPEKTR.	42550		10- 565	MASER, LASER	28040
HJ	8-2468	FK-SPEKTREN	73325	BRENNAN JG	3-2861	SONNENPHYS.	93340	BRIERE G	8-1801	FLUESSIGK.	58565
JC	12-1813	PLASMA	57085	PA	3- 434	HF-TECHNIK	27530		8-1802	FLUESSIGK.	58565
MA	5- 796	ELEMENTART.	41520	BRENNEN C	3-1298	POLYMERE	53525	BRIERS GW	11- 635	KERN-MESSG.	40584
	7-1292	ATOME	52010		2-1252	MOLEKUELE	52524	BRIESEN VON JR. H.			
	11- 164	QU.FELDTHEO	17040		9-1191	ATOME	52035		9- 766	ELEMENTART.	41570
	12- 214	QUANTENTHEO	16533		11- 272	HYDRODYNAM.	23010	BRIEU M	1-1844	KRISTALLE	65572
	12- 283	QU.FELDTHEO	17020	BRENNER A	6-1887	KRIST.FEHL.	66025		1-2639	DUENNE SCHI	74095
	12- 289	QU.FELDTHEO	17040	H	11-1957	DISP.SYST.	59530	BRIEUX DE MANDIROLA O.	12-1664	MOLEKUELE	52560
	5- 166	QUANTENTHEO	16530	M	2- 633	KERN-MESSG.	40510	BRIFFAUT JP	4-1864	KRISTALLE	65545
PA	7- 826	BESCHLEUNIG	41010	R	1- 734	KERN-MESSG.	40540		11-2009	KRISTALLE	65545
B	1-2614	DUENNE SCHI	74040	SS	11- 395	TEILCH.OPT.	27040	BRIIGGS G	8- 944	STARKE WW.	41725
AI	11-3054	DUENNE SCHI	74010	W	5-1857	KRISTALLE	69518		10-1632	POLYMERE	53546
M	1-2614	DUENNE SCHI	74040	BRENTANO VAON P.				JS	3-1387	PLASMA	57055
	11-3054	DUENNE SCHI	74010		12-1282	KERNESPEKTR.	42570	BRIHAYE C	1- 995	KERNSTRUKT.	42060
R	4-2357	HALBLEITER	71560	BRENTANO VON P	4-1275	KERNREAKTIO	43080	SI	10-1001	STARKE WW.	41783
	5-1825	FLUESSIGK.	58573		6-1000	KERNESPEKTR.	42570	A	2-2445	FK-SPEKTREN	73300
G	3- 848	STARKE WW.	41764		8-1172	KERNESPEKTR.	42570		2-2544	OPT.EIG.FK	73640
	6- 837	STARKE WW.	41770		9-1049	KERNREAKTIO	43058		2-2546	FK-SPEKTREN	73325
	10- 933	STARKE WW.	41745		11-1007	KERNESPEKTR.	42500		3-2559	OPT.EIG.FK	73620
KH	1-1357	KERNESPEKTR.	42545		11-1108	KERNESPEKTR.	42560		8-2589	OPT.EIG.FK	73625
	7-1225	KERNREAKTIO	43075		11-1112	KERNESPEKTR.	42560		9-2595	OPT.EIG.FK	73640
	12-1385	KERNREAKTIO	43075		11-1146	KERNESPEKTR.	42570		9-2598	OPT.EIG.FK	73640
M	9- 240	FELDTHEORIE	18050		11-1283	KERNREAKTIO	43058		9-2599	OPT.EIG.FK	73640
PJ	4-1776	FLUESSIGK.	58530		11-1323	KERNREAKTIO	43075		10-2716	OPT.EIG.FK	73640
	6-2176	FK-SPEKTREN	73370		11-1330	KERNREAKTIO	43080		11-2850	FK-SPEKTREN	73325
	10-2617	FK-SPEKTREN	73355	BRESESTI AM	2-1091	KERNREAKTIO	43092		11-3013	OPT.EIG.FK	73625
R	1-1975	GITTERDYN.	67060	M	2-1091	KERNREAKTIO	43092		11-3027	OPT.EIG.FK	73640
	11-2870	FK-SPEKTREN	73330	MS	9-2565	OPT.EIG.FK	73610		11-3029	OPT.EIG.FK	73640
	12-2787	HALBLEITER	71540		10-2465	HALBLEITER	71540		12-3117	OPT.EIG.FK	73625
TA	8- 334	MECHANIK	22010	PI	4- 699	OPT.INSTRUM	28595	BRILL D	7-1620	GASENTLADG.	57810
M	1- 486	ELEKTRODYN.	26530		7- 668	OPT.INSTRUM	28595		4- 329	FELDTHEORIE	18042
SHAW DD	12- 226	QUANTENTHEO	16570		8- 686	OPT.INSTRUM	28595		7- 271	FELDTHEORIE	18045
DIJUNAS P	12-2680	LEITFHGK.FK	70072	BRESSAN A	4- 530	ELEKTRODYN.	26500		11- 233	FELDTHEORIE	18040
	12-2823	HALBLEITER	71590	T	3- 422	TEILCH.OPT.	27068	DR	11- 37	UNTERRICHT	12025
HNICHENKO G.N.	11- 5	PHYS.OPTIK	29066		3- 812	STARKE WW.	41735	OL	5- 44	UNTERRICHT	12025
HNIKOV NI	9- 355	AKUSTIK	23595		4-1876	FK-SPEKTREN	73310		12-2084	DISP.SYST.	59510
I	12- 513	ELEKTRIZIT.	26016	BRET G	1-1481	MOLEKUELE	52540	R	2-1935	THERMEIG.FK	67530
BH	1-2428	PHOTOELITZ.	72510		5-2621	FK-SPEKTREN	73380	SA	7-2960	BIOPHYSIK	96040
MA	11-2216	GITTERDYN.	67060		7- 585	MASER, LASER	28060	L	3- 272	FELDTHEORIE	18045
	12-2331	MECH.-EIG.FK	66514		12-1864	PLASMA	57235		4- 332	FELDTHEORIE	18048
	1-2463	FK-SPEKTREN	73325	BRETENOUX A	2-1965	DIELEKTRIKA	68020		5-2945	KOSM.-PHYSIK	945

BRINI	D	7-2923 KOSM.PHYSIK	94530	BROEK VAN DEN J.	1-2472 FK-SPEKTREN	73325	BROSS	H	3-1793 KRIST.FEHL.	
		8-2979 KOSM.PHYSIK	94540		1-2619 DUENNE SCHI	74040			6-2290 LEITFHGK.FK	
		10-2864 KOSM.STRLG.	90610		3-2031 FK-SPEKTREN	73370	BROSSARD	J	6-2390 METAL.LEITG	
BRINK	DM	4-1047 KERNSTRUKT.	42040	BROEKAERT P	5-1718 GASE	58045			2- 372 THERMODYN.	
		4-1172 KERNREAKTIO	43005	BROEKHOFF JCP	5-1719 GASE	58045	BROSSEL	J	2- 603 PHYS.OPTIK	
		6- 866 KERNSTRUKT.	42000		5-1720 GASE	58045			1-1358 ATOME	
		6- 892 KERNSTRUKT.	42070		5-1721 GASE	58045			2-1193 ATOME	
		8-1074 KERNSTRUKT.	42020		5-1722 GASE	58045			2-1209 ATOME	
		11- 949 KERNSTRUKT.	42020		3- 602 PHYS.OPTIK	29000			3-1290 ATOME	
	GO	4-1352 ATOME	52020	BROER LJF	11- 377 ELEKTRODYN.	26530			4-1408 ATOME	
BRINKMAN	H	12- 903 BESCHLEUNIG	41040		7-2214 LEITFHGK.FK	70035			6-1190 ATOME	
	WF	1-2131 MAGN.EIG.FK	69040	BROERMAN JG	11-2547 LEITFHGK.FK	70026			7-1339 ATOME	
		10-2285 MAGN.EIG.FK	69040		7-1264 KERNSTRHLG.	44010			8-1321 ATOME	
		11-2442 MAGN.EIG.FK	69060	BROERSE JJ	10-1372 KERNSTRHLG.	44010			9-1192 ATOME	
BRINKMANN	D	4-1560 ATOME	52035		10-3140 STRAHL.BIOL	97000			9-1627 FLUESSIGK.	
		12-1513 ATOME	52035		11- 566 PHYS.OPTIK	29086	BROSSIER	P	2-1465 PLASMA	
		12-3032 FK-SPEKTREN	73370	BROERSMA S	2-2146 MAGN.EIG.FK	69060	BROT	C	6-1522 PLASMA	
BRINKWORTH	BJ	12-2091 DISP.SYST.	59540	BROESE VAN GROENOU A.	7-2248 LEITFHGK.FK	70074			8- 341 MECHANIK	
BRINTON	HC	10-2943 MAGNETOSPH.	91255		7-1001 KERNSTRUKT.	42010	BROTAS	A	12-2461 DIELEKTRIKA	
BRION	CE	7-1351 ATOME	52070	BROG KC	2-1074 KERNREAKTIO	43070			5- 255 FELDTHEORIE	
		8-1669 PLASMA	57216	BROGDEN TWP	6- 897 KERNSTRUKT.	42075			5- 417 THERMODYN.	
	J	8-1416 MOLEKUELE	52524	BROGLIA RA	8-1122 KERNSPEKTR.	42545	BROTEN	NW	6-2970 KOSM.PHYSIK	
BRLOT	A	5- 619 OPT.INSTRUM	28530		8-1175 KERNSPEKTR.	42570	BROTHERS	AD	2-1865 MECH.EIG.FK	
BRISCOE	CV	3-1864 MECH.EIG.FK	66545		9- 911 KERNSTRUKT.	42075			7-1896 KRIST.FEHL.	
		6-2013 MECH.EIG.FK	66514		10-1046 KERNSTRUKT.	42075			8-2063 MECH.EIG.FK	
		8-1721 FLUESSIGK.	58520		12-1377 KERNREAKTIO	43070	BROTZEN	FR	4-2651 GRENZFL.FK	
	MG	9- 327 HYDRODYNAM.	23060		2-2871 KOSM.PHYSIK	94500	BROU	R	10- 937 STARKE WW.	
	W	12-2245 KRIST.FEHL.	66025	BROGLIE DE L	3- 129 QUANTENTHEO	16520	BROUCKE	R	8- 335 MECHANIK	
BRISDON	BJ	12-2915 FK-SPEKTREN	73330		5- 254 FELDTHEORIE	18030	BROUDE	C	4- 811 KERN-MESSG.	
BRISSAUD	I	3-1044 KERNREAKTIO	43052		5- 416 THERMODYN.	24500			5-1051 KERNSPEKTR.	
		11-1270 KERNREAKTIO	43054		5- 424 THERMODYN.	24510			5-1052 KERNSPEKTR.	
BRISSONNEAU	P	11-2409 MAGN.EIG.FK	69040		9- 230 FELDTHEORIE	18030			7-1084 KERNSPEKTR.	
BRITOV	AD	9-2656 DUENNE SCHI	74060	BROIDA HP	5-1284 ATOME	52045			9- 948 KERNSPEKTR.	
BRITTON	CO	5- 523 HF-TECHNIK	27560		7-1763 FLUESSIGK.	58565			11-1067 KERNSPEKTR.	
BRITT	HC	12-1267 KERNSPEKTR.	42565		9-1424 PLASMA	57010		VL	3- 504 MASER,LASER	
BRITTAI	JO	2-1678 KRISTALLE	65574		2- 719 ELEMENTART.	41560			4- 621 MASER,LASER	
		2-2524 OPT.EIG.FK	73605		3- 210 QU.FELDTHEO	17040			10-2529 FK-SPEKTREN	
		4-1935 KRIST.FEHL.	66035	BROIDO MM	5- 221 QU.FELDTHEO	17040	BROUERS	F	4-2421 FK-SPEKTREN	
		7-2299 METAL.LEITG	71010		8-1008 STARKE WW.	41755			5-2064 GITTERDYN.	
		8-2088 GITTERDYN.	67070		8-1710 GASE	58025			7-2410 FK-SPEKTREN	
BRITTON	WGB	12- 397 ELASTIZIT.	22520	BROKAW RS	12-1159 KERNSTRUKT.	42040	BROUILLETTE	EC	3-1353 PLASMA	
BRITZ	D	4-1812 FLUESSIGK.	58565	BROLLEY JE	10-2459 HALBLEITER	71520			3-1354 PLASMA	
BRIX	P	11-1035 KERNSPEKTR.	42540	BROM VAN DEN W.E.	1-1073 KERNSPEKTR.	42545	BROWN	EV	5-1415 MOLEKUELE	
		11-1213 KERNREAKTIO	43034		4-1126 KERNSPEKTR.	42560			7-1415 MOLEKUELE	
BRIXNER	B	2- 508 OPT.INSTRUM	28520	BROMAN L	9- 944 KERNSPEKTR.	42545	BROUSSAUD	G	10-1816 FLUESSIGK.	
BROAD	JT	12-1680 MOLEKUELE	52575		10-1300 KERNREAKTIO	43075	BROUSSEAU	M	5- 659 PHYS.OPTIK	
BROADBENT	EG	11-1711 PLASMA	57080		12-1384 KERNREAKTIO	43075	BROUT	R	10-2491 HALBLEITER	
	JM	6-1389 POLYMERE	53542	BROMANDER J	3-1127 ATOME	52024			7- 210 QU.FELDTHEO	
	TE	8- 499 ELEKTRIZIT.	26040	BROMBACHER WG	1- 89 VAKUUM	13000			10-2258 MAGN.EIG.FK	
BROADDUS	DT	5-2921 STERNE	94000		4- 352 MECHANIK	22036	BROUWER	AJ	11-2359 MAGN.EIG.FK	
BROADFOOT	AL	7-2758 LUFTHUELLE	90870		4- 21 BIOGRAPHIEN	10220		C	2-1860 MECH.EIG.FK	
		8-2781 LUFTHUELLE	90870		11- 6 BIOGRAPHIEN	10220		G	9-1918 MECH.EIG.FK	
		9-2859 SONNENPHYS.	93328	BROMBERG J	9-2429 FK-SPEKTREN	73330		W	1-2659 GRENZFL.FK	
		10-2860 GEOMAGNET.	90470		12- 402 ELASTIZIT.	22530	BROVANG	S	7-1692 FLUESSIGK.	
		12-3338 LUFTHUELLE	90870	BROMELS E	1-1062 KERNSPEKTR.	42545	BROVETTO	P	10- 97 LABORTECHN.	
BROCAS	J	2- 179 STATISTIK	17520	BROMER DJ	3- 707 BESCHLEUNIG	41000			3- 422 TEILCH.OPT.	
BROCHARD	F	11-1039 KERNSPEKTR.	42540	BROMLEY DA	4-1070 KERNSTRUKT.	42075	BROVKIN	YN	12- 118 LABORTECHN.	
	J	1-1434 ATOME	52085		5-1176 KERNREAKTIO	43085	BROYMAN	EG	9-1966 GITTERDYN.	
		5- 581 MASER,LASER	28055		7-1235 KERNREAKTIO	43085	BROWDER	JS	9-2018 THERMEIG.FK	
		7-1312 ATOME	52030		9- 899 KERNSTRUKT.	42030	BROWER	RC	8- 235 QUANTENTHEO	
BROCHET	C	4- 504 THERMODYN.	24556		9- 989 KERNSPEKTR.	42570	BROWN	CR	3-1985 THERMEIG.FK	
BROCHIER	D	3- 69 LABORTECHN.	12530		11-1338 KERNREAKTIO	43085			11-3092 DUENNE SCHI	
BROCHU	R	8-2216 MAGN.EIG.FK	69065	BROMMER PE	11-1339 KERNREAKTIO	43085			6- 763 STARKE WW.	
BROCHU	R	2- 62 VAKUUM	13060	BROM	6-2288 MAGN.EIG.FK	69095		D	8-1903 KRISTALLE	
BROCK	JR	5-1847 DISP.SYST.	59540		3-1782 KRIST.FEHL.	66030		DA	12- 131 LABORTECHN.	
		9-1737 DISP.SYST.	59540		6-2462 HALBLEITER	71570		DE	10- 721 PHYS.OPTIK	
		10-1901 DISP.SYST.	59540		11-2808 FK-SPEKTREN	73300		DH	11- 326 AKUSTIK	
BROCKE	WA	7- 437 ELEKTRIZIT.	26050	BRONCH BUREVICH V.L.	1-2373 HALBLEITER	71540		DJ	9- 871 STARKE WW.	
BROCKELMAN	RA	12- 361 FELDTHEORIE	18048		7- 88 LABORTECHN.	12580			12-1049 STARKE WW.	
BROCKHOUSE	BN	1-1957 GITTERDYN.	67020	BRONDEL G	2-1793 KRIST.FEHL.	66062		DM	10-2776 DUENNE SCHI	
		11-2212 GITTERDYN.	67040	BRONSHTEIN IM	3-2692 GRENZFL.FK	74576	E		3-2198 LEITFHGK.FK	
		12-2396 GITTERDYN.	67040		6-2738 GRENZFL.FK	74576			10-1933 KRISTALLE	
BROCKLEHURST	B	2-1191 MOLEKUELE	52524	BRONSON JD	11-3210 GRENZFL.FK	74576	FC		10-2352 LEITFHGK.FK	
		2-1291	52880		5-1095 KERNSPEKTR.	42570			1-2515 OPT.EIG.FK	
BROCKMAN	WE	9- 53 MESSEN	12240		8-1811 KRISTALLE	65545			2-2504 OPT.EIG.FK	
BROCKMEYER	H	1- 52 BUECHER	11040		9-1763 KRISTALLE	65545			5-2359 LEITFHGK.FK	
BRODA	R	12-2520 MAGN.EIG.FK	69010	BRONZAN JB	2- 136 QUANTENTHEO	16582		G	5-2360 LEITFHGK.FK	
BRODALE	GE	4-2188 MAGN.EIG.FK	69060		2- 699 ELEMENTART.	41540			5-2529 PHOTOLEITG.	
		7-1706 FLUESSIGK.	58530	BROOK M	7-2761 LUFTHUELLE	90880			1-1088 KERNSPEKTR.	
		7-2176 MAGN.EIG.FK	69060		2-2590 DUENNE SCHI	74020			5-2200 FK-SPEKTREN	
BRODER	DL	11-1225 KERNREAKTIO	43044	BROOKER HR	6-2164 FK-SPEKTREN	73370			11-1286 KERNREAKTIO	
		11-1354 K-REAKTOREN	43515		3- 961 KERNSPEKTR.	42560	GE		12-1215 KERNSPEKTR.	
		11-1359 K-REAKTOREN	43540	BROOKES AMP	5- 30 BUECHER	11000			10-1075 KERNSPEKTR.	
		12-1435 K-REAKTOREN	43540		9- 271 ELASTIZIT.	22510			11- 966 KERNSTRUKT.	
BRODERICK	JL	1- 854 STARKE WW.	41725		GR	2- 739 ELEMENTART.			11- 969 KERNSTRUKT.	
BRODERSEN	S	1-1467 MOLEKUELE	52530	BROOKS CR	12-2423 THERMEIG.FK	67510			12-1165 KERNSTRUKT.	
		8-1458 MOLEKUELE	52560		D	2-2763 IONOSPHAERE		GM	4-2764 IONOSPHAERE	
BRODHEAD	DC	2-1274 MOLEKUELE	52524		F	10- 95 LABORTECHN.			7-2790 IONOSPHAERE	
BRODIE	DE	3-2633 DUENNE SCHI	74040		H	1- 2 ALLGEMEINES			8-2791 IONOSPHAERE	
	I	12-3251 GRENZFL.FK	74540			1-2111 MAGN.EIG.FK		H	6-2899 PLANETEN	
BRODIN	MS	1-2477 FK-SPEKTREN	73325			10-2250 MAGN.EIG.FK		HA	10-2251 MAGN.EIG.FK	
		4- 629 MASER,LASER	28050			12-3485 BIOPHYSIK		ID	10-1992 KRISTALLE	
		4- 630 MASER,LASER	28050			3-1896 MECH.EIG.FK		IG	2-1390 PLASMA	
		4-2407 PHOTOLEITG.	72510			3-2334 SUPRALEITG.			5-1623 PLASMA	
		4-2477 FK-SPEKTREN	73380			9-2244 SUPRALEITG.		IM	7-1459 MOLEKUELE	
		9-2207 LEITFHGK.FK	70072			8- 68 UNTERRICHT		JD	10- 708 PHYS.OPTIK	
		10-2724 OPT.EIG.FK	73640			10- 2278 MAGN.EIG.FK		JJ	7-2570 OPT.EIG.FK	
		11-3036 OPT.EIG.FK	73640			10- 423 LABORTECHN.		JM	8-1690 GASENTLADG.	
BRODKEY	J	11-3499 SEHEN	96610			4-2597 DUENNE SCHI		JS	1-1947 GITTERDYN.	
BRODKORB		7-2164 MAGN.EIG.FK	69050			9- 663 KERN-MESSG.			4-1976 MECH.EIG.FK	
BRODOVOY	VA	4-2367 HALBLEITER	71566	BROOKSHIER WK		8-2745 LUFTHUELLE		L		

LS	8- 933	STARKE WW.	41710	BRUMA	M	6- 239	ELASTIZIT.	22530	BRYUKHANOV	VA	5-1899	FK-SPEKTREN	73310
MAC	5- 552	OPT.INSTRUM	28550	BRUMAN	JR	9-2899	PLANETEN	93640			8-2453	FK-SPEKTREN	73310
	5- 557	MASER,LASER	28050	BRUMANT	LE	9-2446	FK-SPEKTREN	73330	BRYUNELLI	BE	2-2728	GEOMAGNET.	90450
N	1-1936	MECH.EIG.FK	66545	BRUMBERGER	H	4-1827	FLUESSIGK.	58573	BRYZHINA	MF	1-2009	THERMEIG.FK	67556
	9-2335	HALBLEITER	71505			5- 766	KERN-MESSG.	40582			2-2137	MAGN.EIG.FK	69060
NJ	9- 441	ELEKTTRIZIT.	26060			5-1905	KRISTALLE	65572	BRZHECHKO	LV	8-1691	GASENTLADG.	57840
PE	9-3030	STRAHL.BIOL	97020	BRUMMER	SB	5-2762	GRENZFL.FK	74535	BRZYCHCZY	S	10- 380	HYDRODYNAM.	23020
PF	7-1209	KERNREAKTIO	43064	BRUN	E	4-2008	GITTERDYN.	65702	BUB	J	9- 130	QUANTENTHEO	16523
PJ	5-1908	KRISTALLE	65572		EA	3- 305	HYDRODYNAM.	23020	BUBAKOVA	R	4- 738	PHYS.OPTIK	29038
	5-2275	MAGN.EIG.FK	69050			4- 418	HYDRODYNAM.	23040	BUBE	RH	3-1747	KRIST.FEHL.	66020
	10-2233	MAGN.EIG.FK	69010			11- 319	HYDRODYNAM.	23060			3-2455	PHOTOLEITG.	72500
	12-2152	KRISTALLE	65570			11- 262	ELASTIZIT.	22520			5-1958	KRIST.FEHL.	66025
	12-3444	STERNE	94050			4- 618	MASER LASER	28040			6-2495	PHOTOLEITG.	72510
R	4-2757	IONOSPHERE	91040			6-1196	ATOME	52035			8-2600	OPT.EIG.FK	73630
RA	12-3039	FK-SPEKTREN	73370			9- 530	MASER,LASER	28055			11-2783	PHOTOLEITG.	72500
RD	6- 76	VAKUUM	13020			11- 438	MASER,LASER	28035	BUBELEV	EG	9-2744	KOSM.STRLG.	90630
RE	11- 55	LABORTECHN.	12570			2- 292	HYDRODYNAM.	23060	BUBLIK	AI	10-2769	DUENNE SCHI	74020
RF	3- 470	HF-TECHNIK	27560			5- 350	HYDRODYNAM.	23060	BUBNOV	YZ	11-2696	HALBLEITER	71530
RG	1- 695	PHYS.OPTIK	29060	BRUNAUER	S	11-3163	GRENZFL.FK	74530			12-3143	OPT.EIG.FK	73645
	10-2073	KRIST.FEHL.	66073			11-3172	GRENZFL.FK	74535	BUCARO	JA	1- 410	AKUSTIK	23570
RH	1-2786	ASTROPHYSIK	93020			11-3173	GRENZFL.FK	74535	BUCELLA	F	2- 744	ELEMENTART.	41574
	9-2829	ASTROPHYSIK	93020	BRUNDIERS	H	5-1047	KERN-SPEKTR.	42545			12- 258	QUANTENTHEO	16582
	9-2923	STERNE	94020		HJ	7-1080	KERN-SPEKTR.	42545	BUCCI	C	7-2373	THERMOELEKT	72000
	10-2953	ASTROPHYSIK	93020	BRUNDETT	E	2- 338	WAERME	24060	BUCCINI	CJ	2- 527	OPT.INSTRUM	28545
RL	2-1493	GASENTLADG.	57880	BRUNEAU	M	10-1183	KERNREAKTIO	43010	BUCH	JD	8-2088	GITTERDYN.	67070
	9-1191	ATOME	52035	BRUNEL	M	8-2111	THERMEIG.FK	67510		T	5-1876	KRISTALLE	65545
	11- 272	HYDRODYNAM.	23010			10-1988	KRISTALLE	65584	BUCHA	V	1-2696	GEOMAGNET.	90430
RM	6- 688	ELEMENTART.	41546			6-2544	FK-SPEKTREN	73330			7-2700	GEOMAGNET.	90400
RN	4-2234	LEITFHGK.FK	70028	BRUNELL	RD	10-1673	PLASMA	57045	BUCHANAN	B	9-2265	HALBLEITER	71510
RR	5-2805	GEOMAGNET.	90450	BRUNER	BL	5-1348	MOLEKUELE	52510		DNE	1-2141	MAGN.EIG.FK	69050
	7-2788	IONOSPHERE	91050	BRUNET	A	11-1809	PLASMA	57266			3-1635	FK-SPEKTREN	73310
	8- 764	KERN-MESSG.	40525		H	2-1294	MOLEKUELE	52585			3-2141	MAGN.EIG.FK	69050
	8-2799	IONOSPHERE	91050			6- 445	OPT.INSTRUM	28530			11-2430	MAGN.EIG.FK	69050
RT	7-1287	ATOME	52010			2- 712	ELEMENTART.	41546		JD	5- 764	KERN-MESSG.	40582
SC	7- 40	TAGUNGEN	10555	BRUNETEAU	J	3-1315	POLYMERE	53542		M	7-2439	FK-SPEKTREN	73330
SG	1- 212	QU.FELDTHEO	17015			6-1526	PLASMA	57206		PS	1-12 6	KERNREAKTIO	43046
	2- 146	QU.FELDTHEO	17010	BRUNHART	G	10-1240	KERNREAKTIO	43048			2-1021	KERNREAKTIO	43044
	5- 208	QU.FELDTHEO	17020	BRUNING	HAC	1-2001	THERMEIG.FK	67550		RA	2-1641	KRISTALLE	65545
	5- 947	STARKE WW.	41755	BRUNINX	E	12- 882	KERN-MESSG.	40584			2-1642	KRISTALLE	65545
	6- 161	QU.FELDTHEO	17015	BRUNK	C	3- 692	KERN-MESSG.	40538			11-2006	KRISTALLE	65545
	12-1101	STARKE WW.	41764	BRUNNADER	H	3-1050	KERNREAKTIO	43054			12-2137	KRISTALLE	65545
VR	4- 958	STARKE WW.	41740	BRUNNER	G	10-2744	DUENNE SCHI	74010		RF	1-1272	KERNREAKTIO	43092
W	7-1486	POLYMERE	53520		JH	9- 918	KERN-SPEKTR.	42510	BUCHDAHL	HA	8- 186	QUANTENTHEO	16516
WB	1-1338	ATOME	52010		W	11-1118	KERN-SPEKTR.	42560	BUCHER	DR	1- 632	OPT.INSTRUM	28545
	1-1339	ATOME	52010			3- 488	MASER,LASER	28035	BUCHELNIKOVA	N.S.			
	10-1501	MOLEKUELE	52512			7-1323	ATOME	52045			8-1624	PLASMA	57055
WE	5-2829	LUFTHUELLE	90870	BRUNSTEIN	KA	12-3467	KOSM.PHYSIK	94530			8-1627	PLASMA	57055
WJ	7- 650	OPT.INSTRUM	28556	BRUNT	DC	10-1000	STARKE WW.	41783	BUCHENAUER	CJ	11-2202	MECH.EIG.FK	66556
WK	6- 827	STARKE WW.	41767		NA	4-1574	POLYMERE	53542	BUCHER	E	1-2131	MAGN.EIG.FK	69040
	12- 865	KERN-MESSG.	40584	BRUNT VAN	RJ	2-1300	MOLEKUELE	52580			10-2285	MAGN.EIG.FK	69040
WL	7-2803	MAGNETOSPH.	91226	BRUNTON	JH	3-1873	MECH.EIG.FK	66156		WP	4- 777	KERN-MESSG.	40505
WN III	3- 346	WAERME	24020	BRUNVOLL	J	8-1395	MOLEKUELE	52514			9- 641	KERN-MESSG.	40505
WN JR.	11-2525	MAGN.EIG.FK	69080	BRUSBERG	M	2-2261	SUPRALEITG.	70510	BUCHET	G	2-1479	GASENTLADG.	57870
	12-2525	MAGN.EIG.FK	69020	BRUSENTSEV	RA	6-1835	KRISTALLE	65570		JP	5-1271	ATOME	52040
WP	8-2776	LUFTHUELLE	90860	BRUSH	SG	4- 18	BIOGRAPHIEN	10220	BUCHHAUPT	K	6-1179	ATOME	52040
WNE	1-2787	ASTROPHYSIK	93020			6-2232	MAGN.EIG.FK	69025	BUCHHEIT	K	8-1366	ATOME	52090
	2- 917	KERNSTRUKT.	42050			7- 17	BIOGRAPHIEN	10220	BUCHHOLD	TA	1- 73	LABORTECHN.	12530
CP	7-1062	KERN-SPEKTR.	42540	BRUSHLINSKII	K.V.						3-2343	SUPRALEITG.	70560
JC	5-1325	ATOME	52065			3-1362	PLASMA	57045	BUCHMILLER	L	7-2232	LEITFHGK.FK	70056
	9-1264	MOLEKUELE	52512	BRUSHLINSKY	KV	1-1569	PLASMA	57045	BUCHNER	E	7-2470	FK-SPEKTREN	73355
	12-1491	MOLEKUELE	52585	BRUSSAARD	PJ	3- 897	KERNSTRUKT.	42070	BUCHSBAUM	SJ	6-1512	PLASMA	57075
PF	6-2979	KOSM.PHYSIK	94565			4- 197	QUANTENTHEO	16516	BUCHTELA	K	8- 800	KERN-MESSG.	40580
PNELL	8-3035	STRAHL.BIOL	97000			4-1067	KERNSTRUKT.	42075	BUCHWALD	H	3- 385	THERMODYN.	24554
PNELL JR. D.H.						7-1025	KERNSTRUKT.	42070		VT	11- 311	HYDRODYNAM.	23050
	8-2252	LEITFHGK.FK	70024			10-1136	KERN-SPEKTR.	42560			11-3227	ERDKOERPER	90260
	8-2253	LEITFHGK.FK	70056	BRUSSE	EY	11-1943	FLUESSIGK.	58565	BUCHY	F	10-2476	HALBLEITER	71540
WNING	2- 307	AKUSTIK	23530	BRUSSEL	MK	11-1318	KERNREAKTIO	43075	BUCK	DC	8- 533	TEILCH.OPT.	27058
	10-1471	ATOME	52070			11-1319	KERNREAKTIO	43075		O	3-1831	KRIST.FEHL.	66065
WNRIDGE	12- 794	KERN-MESSG.	40520	BRUSSET	H	8-1784	FLUESSIGK.	58555			3-1832	KRIST.FEHL.	66065
	11-2486	MAGN.EIG.FK	69060			10- 449	THERMODYN.	24510			3-1833	KRIST.FEHL.	66065
WAKER	3- 64	LABORTECHN.	12530	BRUST	D	3-1740	KRIST.FEHL.	66015		TM	2-1790	KRIST.FEHL.	66060
	11-3495	HOEREN	96320			3-2200	DIELEKTRIKA	68020		U	5-1313	ATOME	52065
EE	3- 280	MECHANIK	22034	BRUTAN	EG	10-2205	DIELEKTRIKA	68000		WL	8-1341	ATOME	52065
	12-1907	GASENTLADG.	57880			1- 684	PHYS.OPTIK	29045	BUCKA	H	11-1633	POLYMERE	53546
	2-1345	PLASMA	57085			1-1498	MOLEKUELE	52540			1-1393	ATOME	52030
HLW	2-1231	MOLEKUELE	52512	BRUTSAERT	W	11-2898	FK-SPEKTREN	73340			12-1209	KERN-SPEKTR.	42545
	10- 444	GASE	58040	BRUUN	M	6-2752	ERDKOERPER	90260	BUCKEL	W	12-1509	ATOME	52030
A	1-2423	THERMOELEKT	72010			11-2709	HALBLEITER	71540	BUCKINGHAM	AD	10-2412	SUPRALEITG.	70500
EB	6- 812	STARKE WW.	41764			12-2933	FK-SPEKTREN	73340			2-1523	GASE	58060
W	6-1826	FK-SPEKTREN	73310	BRUYN OUBOTER	DE R.						6-1313	MOLEKUELE	52575
E	1- 513	TEILCH.OPT.	27040			1-1747	FLUESSIGK.	58527			8-1383	MOLEKUELE	52510
	10- 9	BIOGRAPHIEN	10212			2-1540	FLUESSIGK.	58527			8-1731	FLUESSIGK.	58520
	10- 16	BIOGRAPHIEN	10215			2-2294	SUPRALEITG.	70520			11-1868	GASE	58060
	8-1121	KERN-SPEKTR.	42545			3-2304	SUPRALEITG.	70520			12-1988	FLUESSIGK.	58535
CK	12-3450	KOSM.PHYSIK	94510			3-2305	SUPRALEITG.	70520		MJ	8- 314	STATISTIK	17566
SRJ	2-2496	FK-SPEKTREN	73335			5-2402	SUPRALEITG.	70520			8- 479	THERMODYN.	24536
	6-2549	FK-SPEKTREN	73335	BRUYNSTEYN	W	1- 705	PHYS.OPTIK	29066			10-1788	GASE	58040
						9- 945	KERN-SPEKTR.	42545			11-2451	MAGN.EIG.FK	69060
	6-1123	K-REAKTOREN	43515			10-1252	KERNREAKTIO	43054		RA	12-1920	GASE	58020
CKNER	10- 798	BESCHLEUNIG	41020	BRUZEK	A	7-2854	SonnenPHYS.	93326	BUCKLE	DC	7- 929	STARKE WW.	41735
G	9-2824	ASTROPHYSIK	93020			9-2851	SonnenPHYS.	93324			10-1978	KRISTALLE	65578
KA	7- 242	STATISTIK	17563	BRYAN	ME	6-3003	HOEREN	96310	BUCKLEY	R	3-1430	PLASMA	57203
	9- 221	STATISTIK	17566		RA	7- 937	STARKE WW.	41740		RE	8- 569	MASER,LASER	28030
	12- 645	MASER,LASER	28060			11- 939	KERNSTRUKT.	42010		T	7-1485	POLYMERE	53510
R	7- 313	HYDRODYNAM.	23015	BRYANT	DA	2-2811	MAGNETOSPH.	91226		TF	3- 860	STARKE WW.	41767
	7- 331	HYDRODYNAM.	23030		FD	9- 613	PHYS.OPTIK	29045			6- 767	STARKE WW.	41725
W	8-1913	KRISTALLE	65588		FJ	2-1794	KRIST.FEHL.	66065	BUCKLOW	IA	8-1837	KRISTALLE	65510
	10- 68	BUECHER	11030		GW	4-2389	THERMOELEKT	72010	BUCKMAN	AB	12- 746	PHYS.OPTIK	29060
W	3-1027	KERNREAKTIO	43042		HC	9- 623	PHYS.OPTIK	29060	BUCKMASTER	HA	3- 135	QUANTENTHEO	16526
W	6-1859	KRISTALLE	65516			11- 548	PHYS.OPTIK	29045			3- 473	HF-TECHNIK	27560

BUDAL - BURKHARDT

BUDAL	K	10- 797	BESCHLEUNIG	41020	BUIMISTROY	VM	2-2531	FK-SPEKTREN	73380	BURBIDGE	EM	8-2994	KOSM.PHYSIK	97
BUDAY	I	8- 767	KERN-MESSG.	40530			8-2432	PHOTOLEITG.	72500			8-2999	KOSM.PHYSIK	97
BUDD	H	1-2360	HALBLEITER	71540	BUINOV	NN	11-2063	KRISTALLE	65588			9-2992	KOSM.PHYSIK	97
	HF	1-2366	HALBLEITER	71540	BUIOCCHI	CJ	2-1745	KRIST.FEHL.	66025		G	5-2957	KOSM.PHYSIK	97
		7-2241	LEITFHGK.FK	70065			5-1853	KRISTALLE	65514		GR	5-2964	KOSM.PHYSIK	97
		11-2581	LEITFHGK.FK	70065	BUIS	PM	4-2745	LUFTHUELLE	90880			6-2954	KOSM.PHYSIK	97
BUDDENBAUM	WE	6- 317	THERODYN.	24554	BUISHVILI	LL	3-2159	MAGN.EIG.FK	69065			6-2972	KOSM.PHYSIK	97
BUDENKOV	GA	7- 365	AKUSTIK	23570			7-2483	FK-SPEKTREN	73355			9-2992	KOSM.PHYSIK	97
BUDER	R	11-3131	DUENNE SCHI	74050			8-2509	FK-SPEKTREN	73350	BURCAT	A	11-3450	KOSM.PHYSIK	97
		11-3138	DUENNE SCHI	74050			10-2611	FK-SPEKTREN	73370	BURCH	DE	7-1468	MOLEKUELE	5
BUDICK	B	1-1381	ATOME	52030			10-2665	FK-SPEKTREN	73370			3-2795	LUFTHUELLE	9
		1-1382	ATOME	52030	BUISSON	R	12-2967	FK-SPEKTREN	73355			5-1393	MOLEKUELE	5
		7-1309	ATOME	52030	BUJA	Z	10-1001	STARKE WW.	41783			10-1539	MOLEKUELE	5
		7-1363	ATOME	52075	BUJATTI	M	12-3192	DUENNE SCHI	74040			11-1538	MOLEKUELE	5
		10-1419	ATOME	52040	BUKAT	GM	10-1164	KERNSEKTR.	42570		DS	10-1757	BASENTLADG.	5
		12-1575	ATOME	52075	BUKATA	RP	3-2734	KOSM.STRLG.	90630		J	3-2819	IONOSPHERE	97
BUDINI	P	3- 125	QUANTENTHED	16516			3-2735	KOSM.STRLG.	90630		LG	7-1657	GASE	5
BUDKE	O	2-2602	DUENNE SCHI	74030	BUKATY	VI	11- 484	MASER,LASER	28060		R	8-2353	METAL.LEITG	7
BUDKE DE K.	B	12-3053	FK-SPEKTREN	73370	BUKHAROVA	TA	5-2664	OPT.EIG.FK	73645		TJ	11-2948	FK-SPEKTREN	73
BUDKER	GI	3- 849	STARKE WW.	41764	BUKHSHTAB	EI	7-2605	DUENNE SCHI	74040			11-2964	FK-SPEKTREN	73
		6- 635	BESCHLEUNIG	41020			8-2654	DUENNE SCHI	74040	BURCHAM	JN	9-1559	PLASMA	5
		12- 954	ELEMENTART.	41563	BUKHYOSTOV	AP	5- 803	ELEMENTART.	41543		WE	12-1206	KERNSEKTR.	4
BUDKO	LI	8- 326	FELDTHEORIE	18045			7- 847	ELEMENTART.	41543	BURCKBUCHLER	F.V.	6-2112	THERMEIG.FK	61
BUDNICK	JI	1-2052	FK-SPEKTREN	73370	BUKIN	GV	4-2773	IONOSPHERE	91070			3- 605	PHYS.OPTIK	2
		8-2204	MAGN.EIG.FK	69060	BUKKE	EE	11-3024	OPT.EIG.FK	73635	BURCKHARDT	CB	8- 657	OPT.INSTRUM	2
		11-2948	FK-SPEKTREN	73370	BUKSHAN	S	3-1657	FK-SPEKTREN	73310			10- 666	OPT.INSTRUM	2
		11-2964	FK-SPEKTREN	73370			5-1920	KRISTALLE	65584			12- 697	OPT.INSTRUM	2
		11-2975	FK-SPEKTREN	73370	BUL	BK	1- 88	PLASMA	57053		JJ	4- 22	BIOGRAPHIEN	13
BUDNIKOV	PP	12-2135	KRISTALLE	65545			1- 88	PLASMA	57053	BURDE	J	11-1077	KERNSEKTR.	4
		9-1753	KRISTALLE	65518	BULABOIS	J	5- 657	PHYS.OPTIK	29010			11-1115	KERNSEKTR.	4
	VN	6-1562	PLASMA	57279	BULANIN	MO	5-1396	MOLEKUELE	52524			12-1284	KERNSEKTR.	4
		6-1563	PLASMA	57279			5-1461	MOLEKUELE	52520	BURDET	CA	12- 371	MECHANIK	2
BUDNITSKAYA	EA	11- 361	ELEKTRIZIT.	26012			5-1840	FLUESSIGK.	58576			11- 978	KERNSTRUKT.	4
BUDNITZ	R	5-1127	KERNREAKTIO	43032			6- 60	LABORTECHN.	12530	BURDETT	GF	7-2066	GITTERDYN.	6
		12- 972	ELEMENTART.	41578			6-1761	FLUESSIGK.	58573	BURDINA	VI	4-2208	LEITFHGK.FK	7
BUDUROV	S	6-1793	KRISTALLE	65518	BULATOV	AS	7-1775	FLUESSIGK.	58573	BURDUKOV	YM	4-2519	OPT.EIG.FK	7
BUDZANOWSKI	A	7-1231	KERNREAKTIO	43080			6- 58	LABORTECHN.	12530	BUREIKO	SF	2-1749	KRIST.FEHL.	6
		10-1307	KERNREAKTIO	43080			10-1984	KRISTALLE	65582	BUREN VAN W		3-1671	KRISTALLE	6
		11-1326	KERNREAKTIO	43080	BULEEV	NI	1- 412	WAERME	24000	BUREWICZ	A	2-1655	FK-SPEKTREN	73
		12-1393	KERNREAKTIO	43080			9- 315	HYDRODYNAM.	23040	BURG	AB	2-2015	FK-SPEKTREN	73
BUDZIAK	A	1-1118	KERNSEKTR.	42560	BULEY	ER	4-1681	PLASMA	57075	BURG VAN DER M.O.J.		10- 310	FELDTHEORIE	1
		1-1142	KERNSEKTR.	42565	BULGAKOV	MI	12-1341	KERNREAKTIO	43046			5-2143	DIELEKTRIKA	6
		3- 977	KERNSEKTR.	42565			1-2412	HALBLEITER	71580	BURGAT DE	H	2- 966	KERNSEKTR.	4
BUDZINSKI	EE	5-2802	GEOMAGNET.	90440			12- 855	KERN-MESSG.	40582	BURGE	EJ	2-1052	KERNREAKTIO	4
		5-2807	GEOMAGNET.	90470			3-1851	KRIST.FEHL.	66076			2-1052	KERNREAKTIO	4
BUECHE	F	12-1709	POLYMERE	53535	BULL	CS	1- 475	ELEKTRIZIT.	20600			5-1155	KERNREAKTIO	4
BUECHEL	W	10- 135	QUANTENTHED	16500			1-2757	IONOSPHERE	91060			5-1156	KERNREAKTIO	4
BUECHER	RW	4-2073	DIELEKTRIKA	68020			10-1011	STARKE WW.	41790			6- 946	KERNSEKTR.	4
BUECHL	K	10-1756	GASENTLADG.	57815	BULLARD	A	6- 474	OPT.INSTRUM	28545		HL	8-1714	GASE	5
		11-1798	PLASMA	57256	BULLEMER	B	12-2675	LEITFHGK.FK	70065	BURGEAT	J	9-1856	KRIST.FEHL.	6
		12- 677	OPT.INSTRUM	28545	BULLEN	JM	11-3241	GEOMAGNET.	90470	BURGEL	BA	8- 50	UNTERRICHT	1
BUECHLER	A	10-1510	MOLEKUELE	52514		KE	8-2716	ERDKOERPER	90210	BURGEMEISTER E.A.		3-1972	THERMEIG.FK	6
BUECHNER	AR	9-1784	KRISTALLE	65572			9-2706	ERDKOERPER	90210			2-2277	SUPRALEITG.	7
BUECKLEIN	R	8- 433	AKUSTIK	23550	BULLIS	WH	3- 82	LABORTECHN.	12580	BURGER	JP	2-2278	SUPRALEITG.	7
BUEDELER	W	6- 27	TABUNGEN	10575			3- 850	STARKE WW.	41764			10-2435	SUPRALEITG.	7
BUEHLER	E	2-2276	SUPRALEITG.	70540	BULLOCK	FW	12-2227	KRIST.FEHL.	66015			11-2639	SUPRALEITG.	7
		9- 359	WAERME	24020	BULLOGH	R	8-2745	LUFTHUELLE	90810		P	1-1527	PLASMA	5
	F	9-1144	KERNSTRHLG.	44010	BULLOUGH	K	3-1743	KRIST.FEHL.	66015			2- 443	HF-TECHNIK	2
	HE	5- 607	OPT.INSTRUM	28523			10-2018	KRIST.FEHL.	66015	BURGESS	R	12-2674	THERMEIG.FK	6
BUEHNER	HF	7-1808	KRISTALLE	65545			11- 741	ELEMENTART.	41574		DD	5-1655	PLASMA	5
BUEHRER	W	6-2398	METAL.LEITG	71010	BULMAN	PJ	10-1247	KERNREAKTIO	43050			5-2965	KOSM.PHYSIK	97
BUEHRING	W	2-1014	KERNREAKTIO	43034	BULOS	F	9- 772	ELEMENTART.	41574			7- 636	PLASMA	5
		5-1330	ATOME	52070			12-2712	SUPRALEITG.	70530			10-1407	ATOME	5
		8-1095	KERNSEKTR.	42515	BULOW	H	4-2000	MECH.EIG.FK	66556	BURGET	ET	1-1929	MECH.EIG.FK	6
		12-1560	ATOME	52070	BULTHUIS	K	7-2030	MECH.EIG.FK	66556	BURGGRAF	JH	4-2304	SUPRALEITG.	7
BUEKER	H	4-1297	K-REAKTOREN	43515			2-2830	SONNENPHYS.	93324	BURGGRAF	C	7-1049	KERNSEKTR.	4
BUEKTAS	U	1-1317	KERNSTRHLG.	44030	BUMBA	V	3-2859	SONNENPHYS.	93324	BURGHES	DN	10-1677	PLASMA	5
BUELOW VON K		1-2811	PLANETEN	93640			7- 797	KERN-MESSG.	40560			12-1759	PLASMA	5
BUEENEMANN	D	4-1292	K-REAKTOREN	43500	BUNACIU	T	8-1862	KRISTALLE	65545	BURGTORF	W	1- 404	AKUSTIK	5
		5-1586	PLASMA	57070	BUNBURY	DSP	10-2740	OPT.EIG.FK	73670			4-2906	HOEREN	5
BUNCKER	RJ	10-1335	K-REAKTOREN	43515	BUNDEL	AA	1-1940	MECH.EIG.FK	66556	BURGY	MT	7- 772	KERN-MESSG.	4
		8-1377	MOLEKUELE	52510	BUNDY	FP	3-1696	KRISTALLE	65582	BURHOP	EHS	8- 39	BUECHER	5
BUNNAGEL	R	7- 728	PHYS.OPTIK	29083			1- 663	PHYS.OPTIK	29020			12- 4	BIOGRAPHIEN	13
		8- 642	OPT.INSTRUM	28545	BUNEMAN	O	11-1394	ATOME	52010	BURIAN	Y	7- 519	HF-TECHNIK	2
BUEREN VAN	HO	9- 600	PHYS.OPTIK	29020	BUNGE	CF	3-1670	KRISTALLE	65572	BURIAN JR.	Y	5- 125	MATH.PHYSIK	97
BUERGER	H	3-1116	ATOME	52010			2- 12	TABUNGEN	10500	BURIN	K	6- 557	KERN-MESSG.	4
	MJ	8-1874	KRISTALLE	65560	BUNGET	I	2-2257	LEITFHGK.FK	70090	BURKE	BE	6-2328	LEITFHGK.FK	7
	W	1- 370	HYDRODYNAM.	23060			3-2370	HALBLEITER	71530		BF	3-2850	ASTROPHYSIK	5
BUES	I	7-2886	STERNE	94000	BUNIATOV	S	6- 817	STARKE WW.	41764			6-2962	KOSM.PHYSIK	97
BUESSEM	WR	1-1914	MECH.EIG.FK	66514	BUNINA	LK	2-1991	DIELEKTRIKA	68030			7-2915	KOSM.PHYSIK	97
		1-1915	MECH.EIG.FK	66514			8-2060	MECH.EIG.FK	66550			12- 853	KERN-MESSG.	4
		1-1928	MECH.EIG.FK	66516	BUNKER	DL	11-1576	MOLEKUELE	52570			12-1276	KERNSEKTR.	4
		11-2281	DIELEKTRIKA	68020			3- 975	KERNSEKTR.	42565		EA	1-1365	ATOME	5
BUETI	G	4-1350	QUANTENTHED	16520			12-1247	KERNSEKTR.	42555			2-1727	KRIST.FEHL.	6
BUETTNER	J	11-3165	GRENZFL.FK	74535			7-1398	MOLEKUELE	52516	BURKE JR.	JR	7-1209	KERNREAKTIO	4
BUFFERD	AS	10-2287	MAGN.EIG.FK	69040			11- 938	KERNSTRUKT.	42010			7-1210	KERNREAKTIO	4
BUGAEV	SP	11-1817	GASENTLADG.	57815	BUNKIN	FV	1- 604	MASER,LASER	28060			11-1309	KERNREAKTIO	4
		11-1818	GASENTLADG.	57815			4-2476	FK-SPEKTREN	73580			11-1452	ATOME	5
BUGAI	AA	1-2082	FK-SPEKTREN	73355			11-3292	LUFTHUELLE	90880			6-1168	ATOME	5
		8-2510	FK-SPEKTREN	73350	BUNN	CC	4-1289	KERNREAKTIO	43092			11-1453	ATOME	5
		9-2497	FK-SPEKTREN	73355	BUNNEY	LR	3- 339	AKUSTIK	23530			11-1454	ATOME	5
BUGENIS	CK	2-1673	KRISTALLE	65572			9- 578	OPT.INSTRUM	28566			12-1565	ATOME	5
BUGES	JC	4-1883	KRISTALLE	65572	BUNSHAH	R	1-1837	KRISTALLE	65570	BURKERSRODE	W	2-1999	DIELEKTRIKA	6
BUGG	DV	7-1514	PLASMA	57023	BUNTAR	AG	7-1963	KRIST.FEHL.	66076			6-2170	FK-SPEKTREN	7
		11- 916	STARKE WW.	41783	BUNTING	BA	12- 115	LABORTECHN.	12530			7-2457	FK-SPEKTREN	7
		12- 998	STARKE WW.	41720			2-1518	GASE	58050	BURKERT	P	7-1642	GASENTLADG.	5
		12-1005	STARKE WW.	41725			8- 976	STARKE WW.	41735	BURKHALTER	JH	5- 541	MASER,LASER	9
BUGNET	WM	11- 894	STARKE WW.	41767	BUNYATOV	SA	8- 977	STARKE WW.	41735	BURKHANOV	AM	3-		

BURKHART - CAIN

CHART RD	4-1782	FLUESSIGK.	58540	BUSCH G	5-1797	FLUESSIGK.	58560	BYARD PL	3-1135	ATOME	52040
KLEY CJ	1-1526	PLASMA	57010		6-1724	FLUESSIGK.	58560		8-1660	PLASMA	57202
KOV L	6- 557	KERN-MESSG.	40512		12-2035	FLUESSIGK.	58560	BYBERG JR	5-2195	FK-SPEKTREN	73355
	3-2563	OPT.EIG.FK	73635		12-2592	MAGN.EIG.FK	69070	BYCHKOV OD	9- 259	MECHANIK	22032
	9-2569	OPT.EIG.FK	73610		1-2781	ASTROPHYSIK	93020		YI 11-1816	GASENTLADG.	57815
KS JA	12-1927	GASE	58030	BUSCH VON F	9-1213	ATOME	52065	BYCHKOVA AI	2-1841	MECH.EIG.FK	66518
LACU L	9- 187	QU.FELDTHEO	17020	BUSCHERT RC	2-1702	KRISTALLE	65584	BYCKLING E	9-1653	FLUESSIGK.	58527
LAGA LF	3-2737	KOSM.STRLG.	90630		6-1637	FLUESSIGK.	58520		11-1895	FLUESSIGK.	58525
LAKOV AV	6-2613	OPT.EIG.FK	73645	BUSCHHORN G	5- 836	ELEMENTART.	41574	BYDIN YF	9-1223	ATOME	52065
	6-2614	OPT.EIG.FK	73645		6- 721	ELEMENTART.	41574	BYER ME	12-2406	GITTERDYN.	67050
LAMACCHI P	1- 667	PHYS.OPTIK	29020		8- 904	ELEMENTART.	41574		7- 991	STARKE WW.	41775
	2- 494	MASER,LASER	28055	BUSCHMANN HT	4-1147	KERN-SPEKTR.	42570		11- 809	STARKE WW.	41730
	11- 474	MASER,LASER	28055	BUSCHOW KHJ	3-2034	FK-SPEKTREN	73370	BYERLEY JJ	5-2124	THERMEIG.FK	67500
LET P	2-2082	MAGN.EIG.FK	69025		3-2043	FK-SPEKTREN	73370	BYERS JA	8-1615	PLASMA	57055
	11-2057	KRISTALLE	65588		3-2143	MAGN.EIG.FK	69060		2- 646	KERN-MESSG.	40527
LEY RW	5-1813	FLUESSIGK.	58565	BUSEN KM	9-2142	MAGN.EIG.FK	69060		3- 822	STARKE WW.	41750
LING DH	3- 553	OPT.INSTRUM	28513	BUSER MS	10-2660	FK-SPEKTREN	73370	BYKHOVSKAYA LN	6- 408	MASER,LASER	28045
	9-2760	LUFTHUELLE	90830		11-2411	MAGN.EIG.FK	69040	BYKHOSKII AI	6-1785	KRISTALLE	65510
MAKINA KK	11- 567	PHYS.OPTIK	29086	BUSEY H	2-2572	DUENNE SCHI	74010	BYKONYA AF	1- 307	MECHANIK	22050
MAN R	5-1582	PLASMA	57070	BUSH RG	10- 621	OPT.INSTRUM	28513	BYKOV SB	4-2336	HALBLEITER	71530
	6-1487	PLASMA	57070	BUSEY H	5-1846	DISP.SYST.	59540		6- 56	LABORTECHN.	12530
	7-1558	PLASMA	57075	BUSHEV WB	3- 302	HYDRODYNAM.	23020	BYKOVSKII YA	7-2393	PHOTOLEITG.	72510
	7-1563	PLASMA	57080	BUSHEV LS	2-1718	KRISTALLE	65588		10-2732	OPT.EIG.FK	73645
	9- 821	STARKE WW.	41735	BUSLIK AJ	12-1420	K-REAKTOREN	43515	BYRAM ET	12-2776	HALBLEITER	71530
	11-1249	KERNREAKTIO	43052	BUSS W	10-1280	KERNREAKTIO	43062		4-2888	KOSM.PHYSIK	94540
MEISTER JR. R.A.	9-2268	HALBLEITER	71520	BUSSE FH	7- 325	HYDRODYNAM.	23020		7-2943	KOSM.PHYSIK	94560
	6-1002	KERN-SPEKTR.	42570		1-1241	KERNREAKTIO	43062	BYRDIN YA	5-1688	GASENTLADG.	57860
MISTROY VR	11-1100	KERN-SPEKTR.	42555		4-1259	KERNREAKTIO	43064	BYRNE J	1-1336	ATOME	52010
	9- 188	QU.FELDTHEO	17020		6-1377	POLYMERE	53535	BYRNS FL	8- 471	THERMODYN.	24510
	12- 273	QU.FELDTHEO	17010		7-1492	POLYMERE	53540	BYRON JF	6-2046	MECH.EIG.FK	66545
	12-1988	FLUESSIGK.	58535		7-1493	POLYMERE	53540	BYRON JR. FW	7-1344	ATOME	52070
MELL GB	10-2904	LUFTHUELLE	90870	BUSSIAN AE	9- 864	STARKE WW.	41762	BYRNEVA BK	4- 963	STARKE WW.	41740
	7- 197	QU.FELDTHEO	17020	BUSSIERS A	8-1233	KERNREAKTIO	43080	BYSTRICKY J	11- 967	KERNSTRUKT.	42040
MHAM DC	5-1318	ATOME	52065		10-1305	KERNREAKTIO	43080	BYSTROY LN	1-1210	KERNREAKTIO	43046
	7-2390	PHOTOLEITG.	72510	BUSSIERS P	3- 356	WAERME	24060		10-1238	KERNREAKTIO	43046
MALEY OF LORD J.	2- 2	ALLGEMEINES	10000	BUSSOLATI C	4- 788	KERN-MESSG.	40518		11-2149	KRIST.FEHL.	66070
	8-1315	ATOME	52024		4-1330	KERNSTRHLG.	44030	BYSTROVA TG	3-1965	THERMEIG.FK	67510
MS DJ	9-1178	ATOME	52024		7-2212	LEITFHGK.FK	70028		12-2383	GITTERDYN.	67010
	10-1594	MOLEKUELE	52580	BUSYGIN EP	12- 567	HF-TECHNIK	27540	BYZOVSKI P	7-2526	OPT.EIG.FK	73605
	2-1634	KRISTALLE	65540	BUSZA W	12-1888	GASENTLADG.	57810	BYZOV IN	4- 513	ELEKTIRIZIT.	26014
	5- 637	OPT.INSTRUM	28560		3- 860	STARKE WW.	41767	BZHOZOVSKII V	3-1378	PLASMA	57053
	5-2148	DIELEKTRIKA	68030		6- 767	STARKE WW.	41725				
	7-1387	MOLEKUELE	52512		9- 772	ELEMENTART.	41574				
	8-2612	OPT.EIG.FK	73640		11- 741	ELEMENTART.	41574				
	9-2364	FK-SPEKTREN	73300	BUT DA	1-1578	PLASMA	57045				
	9-2394	FK-SPEKTREN	73325		6-1456	PLASMA	57045	CABANE M	3- 690	KERN-MESSG.	40582
	12-2490	DIELEKTRIKA	68030	BUTAU J	11-1693	PLASMA	57045		6-1617	GASE	58045
JA	9-2883	PLANETEN	93614		5-1289	ATOME	52045		7-1666	GASE	58045
JW	7- 647	OPT.INSTRUM	28553	BUTCHER FE	7-1325	ATOME	52045	CABANNES F	1-1993	THERMEIG.FK	67520
WG	12-2083	FLUESSIGK.	58595	PN	2- 41	MESSEN	12215		2-1449	PLASMA	57253
WR	11-3216	GEOPHYSIK	90000		1-2361	HALBLEITER	71540		2-1450	PLASMA	57253
RA	4- 954	STARKE WW.	41740		9-1698	FLUESSIGK.	58562		3-1437	PLASMA	57093
NOV Y	11-2208	MECH.EIG.FK	66556		10-2478	HALBLEITER	71540		10-1656	PLASMA	57023
NOV DF	9-1715	FLUESSIGK.	58573		12-2740	HALBLEITER	71560	CABAUD B	4- 561	TEILCH.OPT.	27054
ROUGHS CR	8-2518	FK-SPEKTREN	73355	BUTENIN AV	7-1772	FLUESSIGK.	58570	CABE J	3-1030	KERNREAKTIO	43044
	4- 169	VAKUUM	13030	BUTERA P	11- 131	QUANTENTHEO	16578		10-1227	KERNREAKTIO	43044
WJ	2- 338	WAERME	24060		11- 132	QUANTENTHEO	16578		10-1236	KERNREAKTIO	43046
	5-1459	MOLEKUELE	52562	BUTI B	5-1536	PLASMA	57070	CABEZAS AY	3- 501	MASER,LASER	28045
	10-2900	LUFTHUELLE	90860		9-1502	PLASMA	57080	CABIBBO N	1- 776	ELEMENTART.	41510
ROUS CN	5- 512	TEILCH.OPT.	27068	BUTIKOV EI	5-2306	LEITFHGK.FK	70010		1- 788	ELEMENTART.	41540
ROWS CJ	4-2669	ERDKOERPER	90260		5-2492	HALBLEITER	71560		1- 807	ELEMENTART.	41546
JR	1-2772	MAGNETOSPH.	91230		8-2285	LEITFHGK.FK	70053		1- 808	ELEMENTART.	41546
	7-2807	MAGNETOSPH.	91230	BUTKEVICH LM	6- 242	ELEKTIZIT.	22530		1- 925	STARKE WW.	41755
	8-2820	MAGNETOSPH.	91230	BUTKO AE	11-1917	FLUESSIGK.	58543		3- 728	ELEMENTART.	41540
ML	12- 668	OPT.INSTRUM	28530		11- 29	BUECHER	11010		11- 708	ELEMENTART.	41546
WR	5- 467	ELEKTRODYN.	26500	BUTLER DS	12-1821	PLASMA	57085	CABLE JW	1-2143	MAGN.EIG.FK	69060
	5-1147	KERNREAKTIO	43050		10-2352	LEITFHGK.FK	70022		8-2150	MAGN.EIG.FK	69010
SHSTEIN AI	12- 763	KERN-MESSG.	40503	GW	10-1081	KERN-SPEKTR.	42545	CACAVAS M	6-1646	FLUESSIGK.	58520
	1-1401	ATOME	52045	HW	2- 268	HYDRODYNAM.	23020	PC	2- 392	ELEKTRODYN.	26520
	7- 714	PHYS.OPTIK	29063		9- 345	HYDRODYNAM.	23095	CACHET C	8-1805	FLUESSIGK.	58568
	7-1324	ATOME	52045	JP	2-1036	KERNREAKTIO	43046	H	4-1814	FLUESSIGK.	58562
	12-1529	ATOME	52045	JW	4- 534	ELEKTRODYN.	26530	CACHIER G	7-2059	GITTERDYN.	67060
EV	2-1653	KRISTALLE	65545		6-1425	PLASMA	57030		7-2062	GITTERDYN.	67060
	2-2045	FK-SPEKTREN	73355		8- 506	ELEKTRODYN.	26500	CADDES DE	11- 462	MASER,LASER	28055
	11-2721	HALBLEITER	71540	LA	1- 479	ELEKTRODYN.	26510	CADDOCK BD	3- 673	KERN-MESSG.	40518
SB	2- 981	KERN-SPEKTR.	42565	PG	8-1217	KERNREAKTIO	43054	CADE PE	3-1205	MOLEKUELE	52512
STEIN AI	12-1693	MOLEKUELE	52575		6-2946	KOSM.PHYSIK	94520		5-1362	MOLEKUELE	52512
E	1-2184	LEITFHGK.FK	70024	SR	11-2554	LEITFHGK.FK	70028		5-1363	MOLEKUELE	52512
	1-2218	LEITFHGK.FK	70056	ST	6-1081	KERNREAKTIO	43064		6-1264	MOLEKUELE	52512
	4-2466	FK-SPEKTREN	73340		10-1277	KERNREAKTIO	43060		8-1388	MOLEKUELE	52512
	6-2054	MECH.EIG.FK	66545		10-1278	KERNREAKTIO	43060		9-1265	MOLEKUELE	52512
	6-2512	FK-SPEKTREN	73330		11-1289	KERNREAKTIO	43060	CADEAU M	2-1065	KERNREAKTIO	43064
	7-2043	GITTERDYN.	67040	BUTLIN RN	7- 341	HYDRODYNAM.	23060	CADEVILLE MC	5-1957	KRIST.FEHL.	66025
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	8-2500	FK-SPEKTREN	73340	BUTORIN PP	12-2103	KRISTALLE	65514	CADILHAC M	1- 694	PHYS.OPTIK	29053
	8-2570	OPT.EIG.FK	73600	BUTOV YA	11-1475	ATOME	52075		6-1143	KERNSTRHLG.	44010
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T WV	6-2753	ERDKOERPER	90260	BUTT DK	1-1146	KERN-SPEKTR.	42570	CADOT J	3- 560	OPT.INSTRUM	28530
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	1-1828	FK-SPEKTREN	73310	BUTTING G	10-2290	MAGN.EIG.FK	69040	CAFASSO FA	6-1700	FLUESSIGK.	58550
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	5-1819	FLUESSIGK.	58570		2-2798	ERDKOERPER	90250	CAGAN V	1-2301	HALBLEITER	71505
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 T 5- 715 KERN-MESSG. 40510
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 A 4-1942 KRIST.FEHL. 66015
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SON	AD	10-1225	KERNREAKTIO	43044	EE	7-1401	MOLEKUELE	52524		9-2572	OPT.EIG.FK	73625
	CM	6-1828	FK-SPEKTREN	73310	GJ	6-1142	KERNSTRHLG.	44010		12-2377	GITTERDYN.	67010
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		7-1473	MOLEKUELE	52580		2-2301	METAL.LEITG	71010	J	2-2633	DUENNE SCHI	74065
	LA	9- 388	WAERME	24060	J	2- 385	ELEKTRODYN.	26500		4-2551	DUENNE SCHI	74010
	LE	4-1096	KERN-SPEKTR.	42545		4- 529	ELEKTRODYN.	26500	CASSIDAY G	5- 844	ELEMENTART.	41576
	PJ	3- 798	STARKE WW.	41725		4- 535	ELEKTRODYN.	26530	GL	10- 877	ELEMENTART.	41576
	RF	3-1052	KERNREAKTIO	43054		4-1804	FLUESSIGK.	58560	EC	9-1295	MOLEKUELE	52524
		11- 938	KERNSTRUKT.	42010		4-1805	FLUESSIGK.	58560		9-1554	PLASMA	57253
		11-1251	KERNREAKTIO	43052		5- 481	ELEKTRODYN.	26540	CASSINIS R	10-2841	ERDKOERPER	90240
		11-1254	KERNREAKTIO	43052		5-1549	PLASMA	57080	RL	9-1017	KERNREAKTIO	43040
	RV	3-1004	KERNREAKTIO	43008		7-1566	PLASMA	57080		12-1330	KERNREAKTIO	43040
		3-1080	KERNREAKTIO	43075		10-1670	PLASMA	57040	R	12-2321	KRIST.FEHL.	66076
	RW	10-1367	KERNSTRHLG.	44010	AI	12- 368	FELDTHEORIE	18060		9- 225	FELDTHEORIE	18010
	TA	10-1147	KERN-SPEKTR.	42565		1- 576	MASER,LASER	28055	M	2-2745	KOSM.STRLG.	90646
		10-1150	KERN-SPEKTR.	42565		3-1272	PLASMA	57010	C	3-2777	KOSM.STRLG.	90646
		12-1459	ATOME	52010		7- 518	HF-TECHNIK	27595	GC	4-2712	KOSM.STRLG.	90640
SSON	L	9-2024	THERMIEIG.FK	67550	F	5-2994	SEHEN	96618		5- 802	ELEMENTART.	41543
STON	CE	3-1182	MOLEKUELE	52575	A	1- 955	STARKE WW.	41764		10- 835	ELEMENTART.	41543
STONE	DS	3- 716	ELEMENTART.	41510		10- 982	STARKE WW.	41764	R	2-1814	KRIST.FEHL.	66079
VIK	I	4-1298	K-REAKTOREN	43515	AM	11- 827	STARKE WW.	41735		5-2778	GRENZFL.FK	74560
AN	PC	12-2003	FLUESSIGK.	58546	AA	3- 787	STARKE WW.	41720		7-2245	LEITFHGK.FK	70072
		12-2004	FLUESSIGK.	58546		11- 916	STARKE WW.	41783	B	1- 902	STARKE WW.	41753
ELI	RL	5- 549	MASER,LASER	28040		12-1005	STARKE WW.	41725	F	4- 56	TAGUNGEN	10570
	M	2- 221	FELDTHEORIE	18045	AC	9-1841	KRIST.FEHL.	66020	L	3- 208	QU.FELDTHEO	17025
		12- 351	FELDTHEORIE	18042	B	10- 326	FELDTHEORIE	18050		10- 147	QUANTENTHEO	16516
	G	12-1732	PLASMA	57015	BP	8-1374	MOLEKUELE	52510	SH	11-1561	MOLEKUELE	52550
ICHAEL	RS	7-2025	MECH.EIG.FK	66553	CJ	12-3320		98020	E	10- 933	STARKE WW.	41745
JAMAN	RD	8-2088	GITTERDYN.	67070	DM	2-1129	KERNSTRHLG.	44010		10- 934	STARKE WW.	41745
	WH	6- 759	STARKE WW.	41725	DL	1-2097	FK-SPEKTREN	73365	JP	5-2902	SONNENPHYS.	93326
ALL	WT	7-2421	FK-SPEKTREN	73325		5-2372	LEITFHGK.FK	70056		8-2861	SONNENPHYS.	93326
ALL JR.	E	6-2551	FK-SPEKTREN	73340	EB	10-1735	PLASMA	57235	MC	10- 632	OPT.INSTRUM	28530
ES	JE	3-2680	GRENZFL.FK	74555	G	1- 98	VAKUUM	13025		2-1217	ATOME	52065
EVALE	EH	2-1507	GASE	58025		3-1855	KRIST.FEHL.	66079	G	8- 498	ELEKTRODYN.	26030
		5-1628	PLASMA	57206		4- 52	TAGUNGEN	10560	JG	9-2411	FK-SPEKTREN	73325
		6-1182	ATOME	52040		4-2547	DUENNE SCHI	74010	G	3-2472	FK-SPEKTREN	73325
		7-1662	GASE	58030		4-2634	GRENZFL.FK	74560		4-2243	LEITFHGK.FK	70053
Y	J	12-3207	DUENNE SCHI	74050		5- 109	VAKUUM	13025		6-2521	FK-SPEKTREN	73325
FF	WB	7- 394	WAERME	24040		7-2585	DUENNE SCHI	74010	PL	11-2851	FK-SPEKTREN	73325
LI	LJ	5-1595	PLASMA	57080		8-1754	FLUESSIGK.	58530		10-2775	DUENNE SCHI	74040
B	B	6-1895	KRIST.FEHL.	66025		10-2774	DUENNE SCHI	74040	C	1-2260	SUPRALEITG.	70510
		12-2717	SUPRALEITG.	70540		11-2154	KRIST.FEHL.	66076	HL	4-2548	DUENNE SCHI	74010
		12-3061	FK-SPEKTREN	73370		11-3162	GRENZFL.FK	74530	JL	9-2970	KOSM.PHYSIK	94520
	C	2-2268	SUPRALEITG.	70520	JC	3-2850	ASTROPHYSIK	93020	G	3- 351	WAERME	24023
		2-2269	SUPRALEITG.	70520	JG	4-1823	FLUESSIGK.	58570	E	11-2820	FK-SPEKTREN	73310
		8-2308	SUPRALEITG.	70510	JL	12-2743	HALBLEITER	71505	D	3-1019	KERNREAKTIO	43024
ME	EF	1- 410	AKUSTIK	23570	RS	1- 754	KERN-MESSG.	40584		8- 825	BESCHLEUNIG	41040
		3-1570	FLUESSIGK.	58540	VL	5-1309	ATOME	52075	CA	11-2471	MAGN.EIG.FK	69060
		5-1777	FLUESSIGK.	58543		7-1364	ATOME	52075	F	10-1072	KERN-SPEKTR.	42540
		10-1846	FLUESSIGK.	58543		9-1237	ATOME	52075	JR	1-2770	MAGNETOSPH.	91226
N	LG	2-2185	LEITFHGK.FK	70010		10-1480	ATOME	52075		1-2773	MAGNETOSPH.	91250
		10-2358	LEITFHGK.FK	70022	WH	9- 585	OPT.INSTRUM	28570		1-2774	MAGNETOSPH.	91260
	PR	4-1731	GASENTLADG.	57840	JR	1-1900	KRIST.FEHL.	66065	JL	8- 775	KERN-MESSG.	40540
SELLA	CA	7-1964	KRIST.FEHL.	66076		8-2020	KRIST.FEHL.	66076	ED	11-2261	THERMIEIG.FK	67556
VILLANO	RL	12-3376	MAGNETOSPH.	91255		11-2131	KRIST.FEHL.	66065	MR	1-1254	KERNREAKTIO	43075
ENTER	DL	11-3334	IONOSPHERE	91076	BG	7- 516	HF-TECHNIK	27560		5-1097	KERN-SPEKTR.	42570
		11-3335	IONOSPHERE	91076	DC	6-1319	MOLEKUELE	52580	JM	1- 588	MASER,LASER	28055
	DW	1- 802	ELEMENTART.	41546	A	12-3216	DUENNE SCHI	74095	WT	10- 674	OPT.INSTRUM	28570
	JM	12-1425	K-REAKTOREN	43520	AJ	11- 507	OPT.INSTRUM	28550	WT	5- 638	OPT.INSTRUM	28570
	MR	2-1544	FLUESSIGK.	58530	S	2-1188	ATOME	52075		11- 518	OPT.INSTRUM	28570
	RT	8-1240	KERNREAKTIO	43085		7- 670	PHYS.OPTIK	29000	P	2- 813	STARKE WW.	41740
		10-1065	KERN-SPEKTR.	42540		9-2533	FK-SPEKTREN	73380		9- 890	KERNSTRUKT.	42010
		10-1079	KERN-SPEKTR.	42545	HG	10-1204	KERNREAKTIO	43024	A	11-1250	KERNREAKTIO	43052
	SH	3-1959	GITTERDYN.	67070	GP	7-2501	FK-SPEKTREN	73370	GA	12-3256	GRENZFL.FK	74540
		11-2110	KRIST.FEHL.	66035	JH	3- 666	KERN-MESSG.	40512	WM	2- 590	PHYS.OPTIK	29045
	W	6- 604	KERN-MESSG.	40570		5-1481	MOLEKUELE	52580		7-2755	LUFTHUELLE	90860
	AD	9- 312	HYDRODYNAM.	23040	JP	6- 491	OPT.INSTRUM	28550	AG	5- 359	AKUSTIK	23520
	EF	2-1580	FLUESSIGK.	58535	TR	8-1542	POLYMERE	53546	D	6-2912	STERNE	94000
	PH	8- 542	HF-TECHNIK	27523		4-1559	ATOME	52035	M	9-1347	MOLEKUELE	52562
	SL	5-2174	FK-SPEKTREN	73370		11-1421	ATOME	52030	L	3- 948	KERN-SPEKTR.	42555
	WC	3- 536	MASER,LASER	28055	M	2-1095	KERNREAKTIO	43092	I	6- 265	HYDRODYNAM.	23050
	S	2-1499	GASE	58010		2-1096	KERNREAKTIO	43092	RC	9-1327	MOLEKUELE	52547
ANZA	G	10-3078	KOSM.PHYSIK	94510	A	7-1859	KRISTALLE	65588	P	5-2813	KOSM.STRLG.	90630
ARA	N	7-2799	IONOSPHERE	91074		7-2184	MAGN.EIG.FK	69065		6- 563	KERN-MESSG.	40518
	P	2- 68	MATH.PHYSIK	16020	D	8-2217	MAGN.EIG.FK	69065	Y	6-2789	KOSM.STRLG.	90646
		3-2149	MAGN.EIG.FK	69060	MJ	5-1327	ATOME	52065		3- 944	KERN-SPEKTR.	42550
		9-2099	MAGN.EIG.FK	69025	R	5- 400	WAERME	24060		4-2815	SONNENPHYS.	93300
		11-2489	MAGN.EIG.FK	69060	F	5-2575	FK-SPEKTREN	73325	TP	5-2323	LEITFHGK.FK	70020
ILI	A	5-1987	KRIST.FEHL.	66060		9-1339	MOLEKUELE	52560	GR	1-2595	DUENNE SCHI	74010
EIRA	EM	3-1570	FLUESSIGK.	58540	CT	12-1720	PLASMA	57010	HJ	8-2940	STERNE	94040
ICO	JP	4-1368	ATOME	52010	KM	4- 70	BUCHER	11020		1- 645	OPT.INSTRUM	28570
		4-1369	ATOME	52035	L	11- 847	STARKE WW.	41740		1- 647	OPT.INSTRUM	28570
IER	LW	2- 590	PHYS.OPTIK	29045	JM	4-2620	GRENZFL.FK	74535		3- 588	OPT.INSTRUM	28570
IERE	E	4- 245	QUANTENTHEO	16582	EJ	8-1450	MOLEKUELE	52547		4- 693	OPT.INSTRUM	28570
		5- 797	ELEMENTART.	41520	HC	5-1956	KRIST.FEHL.	66025				

CAVALERU A	9- 102	VAKUUM	13060	CHADAN K	9- 887	KERNSTRUKT.	42010	CHAMPNESS CH	7-2377	THERMOELEKT	7
CAVALIERE A	5-1597	PLASMA	57080	CHADDERTON LT	3-1827	KRIST.FEHL.	66065	CHAMPION SB	1-1364	ATOME	5
	5-1626	PLASMA	57090		3-1845	KRIST.FEHL.	66065	CHAN CH	8- 964	STARKE WW.	4
	11-1756	PLASMA	57085		5- 150	QUANTENTHEO	16520		10- 911	STARKE WW.	4
CAVALLARO S	9-1060	KERNREAKTIO	43064		12-2308	KRIST.FEHL.	66065	HM	1- 839	STARKE WW.	4
CAVALLERI G	9- 229	FELDTHEORIE	18030	CHADDOCK REV	1-2503	FK-SPEKTREN	73330		5- 949	STARKE WW.	4
	12- 834	KERN-MESSG.	40550	CHADHA GK	5-1926	KRISTALLE	65584		9- 878	STARKE WW.	4
CAVANAGH PE	11-1092	KERN-SPEKTR.	42555	CHADRAA B	8-1047	STARKE WW.	41775	JH	3- 744	ELEMENTART.	4
CAVARD A	4- 825	KERN-MESSG.	40565	CHADWICK AV	3-1767	KRIST.FEHL.	66025	MTU	12-1372	KERNREAKTIO	4
CAVENETT BC	2-2504	OPT.EIG.FK	73610		6-2488	THERMOELEKT	72010	SI	5-2176	FK-SPEKTREN	7
	3-1784	KRIST.FEHL.	66030		4- 372	ELASTIZIT.	22530		8-1447	MOLEKUELE	5
CAVENEY RJ	11-2663	KRISTALLE	65584	P	4- 375	ELASTIZIT.	22530	SK	8- 357	ELASTIZIT.	2
	12-2191	KRISTALLE	65582	CHAFFEE FH	8-2953	STERNE	94095	TU	12-1227	KERN-SPEKTR.	4
CAVILL G	8-2039	MECH.EIG.FK	66545	CHAFFEEY	11-1957	DISP.SYST.	59530	VD	6- 107	QUANTENTHEO	13
CAWLEY RG	10- 300	FELDTHEORIE	18020	CM	7-1182	KERNREAKTIO	43048	YM	9-1222	ATOME	5
CAWTHORNE E	4-1950	KRIST.FEHL.	66065	CHAFFIOL D	5-1443	MOLEKUELE	52560	CHANAL D	5-2593	FK-SPEKTREN	7
CAYFORD AH	6- 473	OPT.INSTRUM	28545	CHAFIK A	9-2420	FK-SPEKTREN	73330		6-2628	DUENNE SCHI	7
CAZALI R	5- 65	LABORTECHN.	12510	CHAGNON CW	1-2729	LUFTHUELLE	90820		7-2533	OPT.EIG.FK	7
CAZAN CORBASCA V.				PR	12-1221	KERN-SPEKTR.	42545	CHANBARISOV VS	3-2503	FK-SPEKTREN	7
	1- 414	WAERME	24023	CHAIKA GE	4-2385	HALBLEITER	71590	CHAND P	1- 666	PHYS.OPTIK	2
	12- 477	WAERME	24023	M	6- 430	MASER, LASER	28055		9- 119	QUANTENTHEO	13
CAZAX J	2-1791	KRIST.FEHL.	66062		6-1186	ATOME	52040	R	11- 778	STARKE WW.	4
	4-1886	KRISTALLE	65574		10- 628	OPT.INSTRUM	28526	T	7- 994	STARKE WW.	4
	8- 153	VAKUUM	13030	MP	12-1655	FK-SPEKTREN	73375		8- 975	STARKE WW.	4
CAZEMAJOR H	8-2217	MAGN.EIG.FK	69065	JM	10- 138	QUANTENTHEO	16513	R	11- 738	ELEMENTART.	4
CAZZOLA P	7- 207	QU.FELDTHEO	17030	CHAIKEN				CHANDER R	4-2573	DUENNE SCHI	7
	7-2906	STERNE	94060	CHAIKHORSKII A.A.	4-1168	KERN-SPEKTR.	42575	CHANDLER G	11- 804	STARKE WW.	4
CAZZOLI G	5-1402	MOLEKUELE	52536		6-1673	FLUESSIGK.	58535	GS	5-1238	ATOME	5
CECCALDI M	10- 599	MASER, LASER	28055	CHAIKOVSKII BB	1-1779	FLUESSIGK.	58535	KK	9-2556	OPT.EIG.FK	7
CECCARELLI M	5-2976	KOSM.PHYSIK	94583	CHAIYANOV VM	3-1881	MECH.EIG.FK	66540	TRD	7- 340	HYDRODYNAM.	2
CECCHETTI A	10-2290	MAGN.EIG.FK	69040	CHAKLADER ACD	12-2360	MECH.EIG.FK	66550		10- 622	OPT.INSTRUM	2
	10-2291	MAGN.EIG.FK	69040		8- 257	QU.FELDTHEO	17015	CHANDRA AK	11-1499	MOLEKUELE	5
	10-2292	MAGN.EIG.FK	69040	CHAKRABARTI A	6-1666	FLUESSIGK.	58530	G	5- 377	WAERME	2
CECCHI L	2-2468	FK-SPEKTREN	73340	SK	5-1320	ATOME	52065	K	8-1872	KRISTALLE	6
	11-2897	FK-SPEKTREN	73340	CHAKRABORTI P	1-2129	MAGN.EIG.FK	69040		8-2454	FK-SPEKTREN	7
CEJPEK J	4-1191	KERNREAKTIO	43012	CHAKRABORTY AK	6- 513	PHYS.OPTIK	29033		12-2126	KRISTALLE	6
	4-1192	KERNREAKTIO	43012	CHAKRAPANI G	5-2217	LEITFHGK.FK	70035	M	1-1812	KRISTALLE	6
	6-1021	KERNREAKTIO	43012	CHAKRAVARTI AN	9- 508	MASER, LASER	28045		12-2414	THERMEIG.FK	6
CELASCO M	4-2168	MAGN.EIG.FK	69040		12-2643	LEITFHGK.FK	70035	N	10- 687	PHYS.OPTIK	2
CELEGHINI E	2- 744	ELEMENTART.	41574	CHAKRAVARTY S.C.	4-2116	FK-SPEKTREN	73355		12- 542	ELEKTRODYN.	2
	4- 896	ELEMENTART.	41560		9-2619	DUENNE SCHI	74010	P	5-2011	KRIST.FEHL.	6
CELENZA L	12- 258	QUANTENTHEO	16582	CHAKRAVERTY BK	9-2620	DUENNE SCHI	74000		7-2660	GRENZFL.FK	7
CELINSKI Z	12-1300	KERNREAKTIO	43005		4-2403	PHOTOLEITG.	72510	S	4-1916	KRIST.FEHL.	6
	8-1608	PLASMA	57053	CHALAYA VG	6-1294	MOLEKUELE	52538		5-1894	FK-SPEKTREN	7
CELLI V	10-1688	PLASMA	57053	CHALAYE M	11-2010	KRISTALLE	65545		5-1946	KRIST.FEHL.	6
	2-2072	MAGN.EIG.FK	69020	CHALDYSHEV VA	11-2011	KRISTALLE	65545		8-1432	MOLEKUELE	5
	3-2156	MAGN.EIG.FK	69060		4- 375	ELASTIZIT.	22530		10-2887	LUFTHUELLE	5
	3-2270	SUPRALEITG.	70520	CHALEAT R	4- 375	ELASTIZIT.	22530	CHANDRAIAH G	9-2736	GEOMAGNET.	5
	11-1894	FLUESSIGK.	58525	CHALEI AV	10- 580	MASER, LASER	28045	CHANDRAMOLESHWAR K.			
CELLINA RJ	5-1205	K-REAKTOREM	43520	CHALET D	12- 868	BESCHLEUNIG	41020		10-1370	KERNSTRHLG.	4
CENCE A	1- 858	STARKE WW.	41725	CHALIKYAN BA	1-2431	PHOTOLEITG.	72510		12-1327	KERNREAKTIO	4
	6- 816	STARKE WW.	41764	CHALLANDE R	11-1628	POLYMERE	53544	CHANDRASEKARAN K.S.	8-1878	KRISTALLE	6
CENJA M	5-1151	KERNREAKTIO	43052	CHALLINOR RA	3-2808	LUFTHUELLE	90880				
CENTER RE	6- 273	HYDRODYNAM.	23060		4-2791	IONOSPHERE	91076	CHANDRASEKHAR S.	3- 274	FELDTHEORIE	1
CEPUR DV	8-2709	GRENZFL.FK	74570		8-1483	MOLEKUELE	52575		8- 741	PHYS.OPTIK	2
CERBONE RJ	4-1305	K-REAKTOREM	43515		10-2938	IONOSPHERE	91076		9- 234	FELDTHEORIE	1
CERCIGNANI C	1- 128	QUANTENTHEO	16516		12-3325	LUFTHUELLE	90840		9- 235	FELDTHEORIE	1
	4- 393	HYDRODYNAM.	23020	CHALLIS LJ	7-2084	THERMEIG.FK	67520	CHANDRASEKHAR V.	2-2624	DUENNE SCHI	7
	7- 226	STATISTIK	17523	CHALLERS AA	12-2907	FK-SPEKTREN	73330		7- 710	PHYS.OPTIK	2
	8- 289	STATISTIK	17523	JB	6-1728	FLUESSIGK.	58560		12-3098	OPT.EIG.FK	7
	10- 277	STATISTIK	17540	A	1-2749	LUFTHUELLE	90880	CHANDROSS EA	2-2412	HALBLEITER	7
	12- 309	STATISTIK	17523	JA	5-2832	LUFTHUELLE	90880		7-1778	FLUESSIGK.	5
CERDONIO M	10-1830	FLUESSIGK.	58527	JS	1-1171	KERNREAKTIO	43010	CHANDROSS CC	8-2629	OPT.EIG.FK	7
CERENKOV PA	1-1190	KERNREAKTIO	43026	CHALMETON V	11-1837	GASENTLADG.	57870		2-2663	GRENZFL.FK	7
CERESARA S	12-2206	KRISTALLE	65588	CHALYI VD	4- 850	BESCHLEUNIG	41030		5-1137	KERNREAKTIO	4
	12-2351	MECH.EIG.FK	66540	CHAM EL	7- 455	TEILCH.OPT.	27016	CHANG	8-2700	GRENZFL.FK	7
CERINI DJ	12-1771	PLASMA	57053	CHAMAYOU JM	12- 766	KERN-MESSG.	40503		11-2624	SUPRALEITG.	7
CERISIER P	8- 115	LABORTECHN.	12525	CHAMBERLAIN AC	6-1678	FLUESSIGK.	58540	CS	8-2038	MECH.EIG.FK	7
CERMAK J	6- 464	OPT.INSTRUM	28535	GE	9-1383	ATOME	52070	CT	9-1557	PLASMA	5
CERNIGOI C	7-2693	ERDKOERPER	90250	J	7- 35	TAGUNGEN	10535	CTM	1-2285	SUPRALEITG.	7
CERNUSCHI F	5- 372	AKUSTIK	23570	JE	1- 699	PHYS.OPTIK	29063	CY	4- 956	STARKE WW.	4
CERNY J	10-3084	KOSM.PHYSIK	94520	JR	10-2528	FK-SPEKTREN	73300		5- 968	STARKE WW.	4
	3-1050	KERNREAKTIO	43054		10-2576	FK-SPEKTREN	73325	DM	8- 868	ELEMENTART.	4
	8-1101	KERN-SPEKTR.	42535	JW	3-2890	STERNE	94020	H	11-2738	HALBLEITER	7
	10-1081	KERN-SPEKTR.	42545	D	11- 895	STARKE WW.	41770		9-2648	DUENNE SCHI	7
	12-1202	KERN-SPEKTR.	42540		11- 896	STARKE WW.	41773		11-3125	DUENNE SCHI	7
CEROWSKI Z	5-1778	FLUESSIGK.	58543	CHAMBERLAND BL	2-1607	KRISTALLE	65510	IC	12- 714	OPT.INSTRUM	2
CERTIER M	5-2364	LEITFHGK.FK	70053		4-1847	KRISTALLE	65518	IF	11-2708	HALBLEITER	7
	5-2626	OPT.EIG.FK	73610	CHAMBEROD A	2-1779	KRIST.FEHL.	66035	JC	6-2551	FK-SPEKTREN	7
CERVELLATI R	12- 776	KERN-MESSG.	40512		11-2407	MAGN.EIG.FK	69040	JY	4- 780	KERN-MESSG.	7
CERVENA J	6-1144	KERNSTRHLG.	44010	CHAMBERS A	6-2635	DUENNE SCHI	74010	LL	12- 109	LABORTECHN.	7
CERVINKA L	10-1999	KRISTALLE	65588	EE	8-2634	DUENNE SCHI	74010		5-1956	KRIST.FEHL.	6
CESAREO R	1-1092	KERN-SPEKTR.	42555	J	10- 803	BESCHLEUNIG	41030		6-2467	HALBLEITER	7
	1-1093	KERN-SPEKTR.	42555	JH	6- 363	TEILCH.OPT.	27035		11-2747	HALBLEITER	7
CESCHIA M	10- 933	STARKE WW.	41745	RH	6-2988	KOSM.PHYSIK	94580		12-2810	HALBLEITER	7
	10- 934	STARKE WW.	41745	WF	4-2587	DUENNE SCHI	74050	LN	6- 760	STARKE WW.	4
CESNAVICIUS A	12-3185	DUENNE SCHI	74020	WG	8-2362	METAL.LEITG	71010	NP	12- 182	QUANTENTHEO	13
CESPIRO Z	9- 78	VAKUUM	13010	B	5-1139	KERNREAKTIO	43044	P	8- 948	STARKE WW.	4
CESS RD	3- 646	PHYS.OPTIK	29066		5-1168	KERNREAKTIO	43075		11- 867	STARKE WW.	4
	6- 306	WAERME	24060	CHAMBRE PL	6-1055	KERNREAKTIO	43044		12-1011	STARKE WW.	4
CESSENAT M	4- 273	QU.FELDTHEO	17020	CHAMBRON J	9-1100	K-REAKTOREM	43510	R	5-2015	MECH.EIG.FK	7
	4- 274	QU.FELDTHEO	17020	W	8-1520	POLYMERE	53535		6-1850	KRISTALLE	6
CESTER R	5- 806	ELEMENTART.	41546		2-1779	KRIST.FEHL.	66035	RF	7-1917	KRIST.FEHL.	6
CETKAROV F	10-2032	KRIST.FEHL.	66030	CHAMPAGNE FH	9- 339	HYDRODYNAM.	23070		3- 522	MASER, LASER	7
CETORELLI F	8- 538	TEILCH.OPT.	27068	CHAMPEAU DJ	10-1414	ATOME	52030	RK	5- 557	MASER, LASER	7
CEVC J	2-1975	DIELEKTRIKA	68030	CHAMPENEY RC	1-1841	KRISTALLE	65572	SC	7- 349	HYDRODYNAM.	2
CHABAN AA	5- 713	PHYS.OPTIK	29083	CHAMPETIER JL	12- 660	OPT.INSTRUM	28510	SJ	5- 191	QU.FELDTHEO	13
	6-2160	DIELEKTRIKA	68050		4-1991	MECH.EIG.FK	66545		5- 192	QU.FELDTHEO	13
	9-2069	DIELEKTRIKA	68050	CHAMPIER G	4-2020	GITTERDYN.	67040	TS	5-1573	PLASMA	5
	12- 745	PHYS.OPTIK	29055		5-1947	KRIST.FEHL.	66015		12-2465	DIELEKTRIKA	7
	12-2502	DIELEKTRIKA	68050		6-2089	GITTERDYN.	67040	TY	6-1206	ATOME	5
CHABANEL M	5-1841	FLUESSIGK.	58557		7-1923	KRIST.FEHL.	66035	YA	7-1459	MOLEKUELE	5
CHABAUD V	10-2562	FK-SPEKTREN	73310	CHAMPION AR	7-2404	FK-SPEKTREN	73310		3-1908	GITTERDYN.	2
CHABBAL R	3- 798	STARKE WW.	41725		7-2405	FK-SPEKTREN	73310	YK	11- 367	ELEKTIZIT.	2
CHABRE M	6- 456	OPT.INSTRUM	28530	JV	10-1728	PLASMA	57216	YP	1-1556	PLASMA	5
	11-1302	KERNREAKTIO	43064	RL	3-1594	FLUESSIGK.	58570	ZP	6-2059	MECH.EIG.FK	7
	12-1382	KERNREAKTIO	43075	KS	4-1527	MOLEKUELE	52575		8-2029	MECH.EIG.FK	7
CHACE WG	4-1716	PLASMA	57253		2-2507	OPT.EIG.FK	73610	CHANH NB	12-2448	THERMEIG.FK	7
	8- 133	LABORTECHN.	12570	CHACHULSKI A	7-2111	DIELEKTRIKA	68020	CHANIN ML			

CHANNAPPA - CHEON

NAPPA	KH	1-1502	MOLEKUELE	52553	CHARON	JE	12- 332	FELDTHEORIE	18010	CHEKALINSKAYA Y.I.	5- 562	MASER,LASER	28045	
NING	DA	6-1974	KRIST.FEHL.	66060	CHARPAK	0	3- 812	STARKE WW.	41735	CHEKAN	AV	3- 570	OPT.INSTRUM	28545
NON	FR	6-1975	KRIST.FEHL.	66060			3- 864	STARKE WW.	41735	CHEKANOVA	SS	1-1153	KERNSEKTR.	42570
T	MJ	9-2054	DIELEKTRIKA	68020	CHARPENEL	M	11- 624	STARKE WW.	41735	CHEKHOVSKOI VV	3-1975	THERMEIG.FK	67510	
	NS	1-1224	KERNREAKTIO	43054	CHARRU	A	2-1965	DIELEKTRIKA	68020	CHEKIN	VV	8-1870	KRISTALLE	65545
		1-1228	KERNREAKTIO	43054	CHARSLEY	P	2-1925	THERMEIG.FK	67520			11-2826	FK-SPEKTREN	73310
TEPIE	M	5-1275	ATOME	52030			11-2596	GITTERDYN.	67020	CHELIDZE	NV	9-1899	KRIST.FEHL.	66076
TREAU	J	5- 777	BESCHLEUNIG	41010	CHARTERS	AC	3- 279	MECHANIK	22034	CHELISHCHEV NN	6-2214	FK-SPEKTREN	73360	
TREL	H	10- 637	OPT.INSTRUM	28530	CHARTIER	C	12-1766	PLASMA	57050			10-2648	FK-SPEKTREN	73360
TRY	PJ	6-1336	MOLEKUELE	52575		G	2- 477	MASER,LASER	28045	CHELKOWSKI A	12-2040	FLUESSIGK.	58562	
USSOT	G	6-2162	DIELEKTRIKA	68060			5- 556	MASER,LASER	28040	CHELL	GG	9-1908	MECH.EIG.FK	66514
		11-2285	DIELEKTRIKA	68030			7- 542	MASER,LASER	28045			10-1918	KRISTALLE	65530
	J	7-1423	MOLEKUELE	52536			10- 574	MASER,LASER	28045	CHELLA	G	7-2560	OPT.EIG.FK	73645
UT	J	12-1371	KERNREAKTIO	43064	CHARVOLIN	J	4-2100	FK-SPEKTREN	73370	CHELLE DE F	6- 442	OPT.INSTRUM	28526	
	CC	8-2365	METAL.LEITG	71010	CHASANOV	MG	5- 78	LABORTECHN.	12525	CHELNOKOV VE	2-2383	HALBLEITER	71566	
	F	8-1806	FLUESSIGK.	58568	CHASE	AB	1-1806	KRISTALLE	65510		5- 521	HF-TECHNIK	27540	
	JL	1-1519	POLYMERE	53540		CE	1-1740	FLUESSIGK.	58525		5- 522	HF-TECHNIK	27540	
ELLE	J	3-1437	PLASMA	57093		JD	10-1767	PLASMA	57279		6- 336	ELEKTRIZIT.	26050	
		11-1433	ATOME	52045		LL	9-2491	FK-SPEKTREN	73355	CHELTON	DB	3- 72	LABORTECHN.	12530
	JP	12- 757	PHYS.OPTIK	29066		LM	12-3300	GEOMAGNET.	90470	CHELUSTKA B	1-1904	KRIST.FEHL.	66065	
ELLIER M		12-2492	DIELEKTRIKA	68030	CHASE JR.	LF	10-1066	KERNSEKTR.	42540		5-2010	KRIST.FEHL.	66076	
		10-2658	FK-SPEKTREN	73370			11-1047	KERNSEKTR.	42540		6-1986	KRIST.FEHL.	66065	
		11-1250	KERNREAKTIO	43052	CHASMAN	C	2- 944	KERNSEKTR.	42540	CHEMERESYUK GG	5-2522	PHOTOLEITG.	72510	
		11-2942	FK-SPEKTREN	73370			2- 965	KERNSEKTR.	42550	CHEMLA	D	6-2558	FK-SPEKTREN	73380
	DM	2-1210	ATOME	52065		R	12-1211	KERNSEKTR.	42545	CHEN	A	6- 127	QUANTENTHEO	16560
LIK	AV	2-2190	LEITFHGK.FK	70038	CHASNIKOV	IY	6- 785	STARKE WW.	41735	AA	11-3297	IONOSPHERE	91000	
		3-2272	SUPRALEITG.	70520	CHASTEL	R	3-1057	KERNREAKTIO	43054	CC	3-2259	LEITFHGK.FK	70065	
		4-2209	LEITFHGK.FK	70010			10-1326	KERNREAKTIO	43092	CJ	6- 267	HYDRODYNAM.	23050	
		6-2293	LEITFHGK.FK	70020			10-1327	KERNREAKTIO	43092	CF	6-1401	PLASMA	57010	
		9-1772	KRISTALLE	65545	CHASTOV	AA	9- 544	MASER,LASER	28060	CP	7-2820	MAGNETOSPH.	91280	
		10-1432	ATOME	52060			9- 624	PHYS.OPTIK	29063	CS	10- 375	HYDRODYNAM.	23020	
LLIN RL		6-1987	KRIST.FEHL.	66065			11- 486	MASER,LASER	28060	D	4-2483	OPT.EIG.FK	73610	
		11-2130	KRIST.FEHL.	66065	CHATARD MOULIN M.					FF	1-1676	PLASMA	57250	
LYGIN	GV	2-2580	DUEENNE SCHI	74010			9- 659	KERN-MESSG.	40532	FM	3-1284	MOLEKUELE	52550	
MAN	BN	5-1793	FLUESSIGK.	58555	CHATENIER DU F.J.					FS	2- 629	PHYS.OPTIK	29088	
	CR	9- 79	VAKUUM	13013			9-2002	THERMEIG.FK	67510		2-2526	OPT.EIG.FK	73605	
	FW	9-2896	PLANETEN	93640			11-2793	PHOTOLEITG.	72510	HC	7-1559	PLASMA	57075	
	GE	3- 469	HF-TECHNIK	27560	CHATFIELD	EJ	4- 466	WAERME	24020	HHC	2-1372	PLASMA	57050	
	HF	9-1902	KRIST.FEHL.	66079	CHATTERJEE	A	10-1213	KERNREAKTIO	43040	HL	12-2064	FLUESSIGK.	58570	
	ID	11-1876	FLUESSIGK.	58510		BK	8-2741	KOSH.STRLG.	90646	HS	2-1922	THERMEIG.FK	67510	
	JW	8-1828	DISP.SYST.	59530		G	3-1277	MOLEKUELE	52575		9-1684	FLUESSIGK.	58550	
	KR	4-2764	IONOSPHERE	91050		R	6-1225	ATOME	52065	HSC	8- 60	UNTERRICHT	12030	
	R	5- 880	STARKE WW.	41725		RM	10-1842	FLUESSIGK.	58540	HY	7-1226	KERNREAKTIO	43075	
		6- 628	BESCHLEUNIG	41010		RN	9-1656	FLUESSIGK.	58530	I	1-2534	OPT.EIG.FK	73605	
		4-1268	KERNREAKTIO	43070		S	8-2242	LEITFHGK.FK	70024	J	5-1127	KERNREAKTIO	43032	
		6-1090	KERNREAKTIO	43070		SD	8-2712	GRENZFL.FK	74580	JCJ	12- 972	ELEMENTART.	41578	
		9-1067	KERNREAKTIO	43070	CHATTORAJ	DK	12-1995	FLUESSIGK.	58540		6-1329	MOLEKUELE	52580	
		11-1111	KERNSEKTR.	42560	CHATWIN	PC	3- 303	HYDRODYNAM.	23020		8-1353	ATOME	52070	
		12-1376	KERNREAKTIO	43070	CHAU	VH	2- 549	OPT.INSTRUM	28570		10-1434	ATOME	52065	
	RA	1-2580	OPT.EIG.FK	73640			10-2658	FK-SPEKTREN	73370	JT	5-2397	SUPRALEITG.	70540	
		7-2437	FK-SPEKTREN	73330		YC	7- 876	ELEMENTART.	41574	K	9- 994	KERNREAKTIO	43005	
		8-2431	PHOTOLEITG.	72500	CHAUDHARI	KN	1- 972	STARKE WW.	41790	KW	2- 749	ELEMENTART.	41576	
	S	7-2679	GEOPHYSIK	90000		P	1-1896	KRIST.FEHL.	66065		6- 726	ELEMENTART.	41576	
	TW	6-1701	FLUESSIGK.	58550		MA	5-2037	MECH.EIG.FK	66545	M	8- 867	ELEMENTART.	41546	
OVSKIY MZ		11- 370	ELEKTRIZIT.	26060	CHAUDHRI	HR	6- 623	BESCHLEUNIG	41000	MC	5- 821	ELEMENTART.	41563	
PAZ G		2- 232	MECHANIK	22000		KD	4-2028	GITTERDYN.	67060		10- 848	ELEMENTART.	41563	
		5- 63	MESSEN	12250	CHAUDHURI	NK	5-2568	FK-SPEKTREN	73325	MM	8- 377	HYDRODYNAM.	23020	
		5- 124	MATH.PHYSIK	16020			7-2420	FK-SPEKTREN	73325	PCY	11-2486	MAGN.EIG.FK	69060	
PELL MJ		12-2496	DIELEKTRIKA	68050		P	6- 818	STARKE WW.	41764	RLW	11-1668	PLASMA	57023	
	SE	6-1224	ATOME	52065			8- 968	STARKE WW.	41730	SH	5-1771	FLUESSIGK.	58540	
PERT J		1-1834	FK-SPEKTREN	73310	CHAUDRI	MA	11- 642	BESCHLEUNIG	41000		6-2073	GITTERDYN.	67010	
		3-1639	KRISTALLE	65545	CHAUMONT	J	4- 826	KERN-MESSG.	40570	SM	4-1310	KERNSTRHLG.	44010	
		3-2132	MAGN.EIG.FK	69010			11-1191	KERNREAKTIO	43016	SY	2- 289	HYDRODYNAM.	23060	
		10-1947	KRISTALLE	65545		DCF	3- 35	BUECHER	11000		5-1712	GASE	58040	
PLE PJ		11- 286	HYDRODYNAM.	23020	CHAUNDY	F	9-2847	SonnenPHYS.	93322	TM	4- 683	OPT.INSTRUM	28553	
MAKHCHAN AN		6-2771	KOSH.STRLG.	90600	CHAUVEAU	JP	11- 542	PHYS.OPTIK	29035	TS	5- 306	HYDRODYNAM.	23020	
MAKHCHYAN A.M.		6-2771	KOSH.STRLG.	90600	CHAYANON	P	5- 972	STARKE WW.	41764	TT	5-2397	SUPRALEITG.	70540	
		3-2746	KOSH.STRLG.	90630	CHAYCHANIDZE O.N.					TW	9- 176	QU.FELDTHEO	17010	
		3-2762	KOSH.STRLG.	90633		I	1-2315	HALBLEITER	71520		11- 148	QU.FELDTHEO	17010	
		9-2976	KOSH.PHYSIK	94530	CHAVET	AN	4- 830	KERN-MESSG.	40580	WK	5-1945	KRIST.FEHL.	66025	
		3-2746	KOSH.STRLG.	90630	CHAWLA	I	9- 272	ELASTIZIT.	22520		6-2482	HALBLEITER	71585	
		3-2753	KOSH.STRLG.	90633		SS	4-1603	PLASMA	57033		12-2734	METAL.LEITG	71010	
		3-2762	KOSH.STRLG.	90633		SS	3- 332	HYDRODYNAM.	23030	Y	3-1850	KRIST.FEHL.	66076	
ALAMBUS S		9-2976	KOSH.PHYSIK	94530	CHAZOV	LD	8- 592	MASER,LASER	28045		11-2096	KRIST.FEHL.	66030	
		3- 703	KERN-MESSG.	40582	CHEBANOV	AV	9-1414	POLYMERE	53540		11-2734	HALBLEITER	71563	
		3- 811	STARKE WW.	41735		VN	8-2052	MECH.EIG.FK	66545	YS	6- 549	KERN-MESSG.	40510	
		5-1008	KERNSTRUKT.	42030	CHEBOTAEV	VP	7-1355	ATOME	52070		7-1192	KERNREAKTIO	43054	
		6- 622	BESCHLEUNIG	41000			10- 601	MASER,LASER	28055		11- 605	KERN-MESSG.	40542	
		6- 916	KERNSEKTR.	42540	CHEBOTAREVA EI		4-1697	PLASMA	57206	YY	11-1257	KERNREAKTIO	43052	
		10-1401	ATOME	52022	CHEBOTAYEV	VP	10- 602	MASER,LASER	28055		6- 850	STARKE WW.	41783	
		10-1402	ATOME	52022	CHEBOTKEVICH L.A.						10-1005	STARKE WW.	41783	
		11-1415	ATOME	52022			6-2250	MAGN.EIG.FK	69035	CHEN CHEUNG FS	1- 218	QU.FELDTHEO	17025	
AP JM		6- 650	ELEMENTART.	41510	CHEBURKOV DI		11- 365	ELEKTRIZIT.	26016		1- 918	STARKE WW.	41755	
BIT P		10-1996	KRISTALLE	65584	CHECCACCI PF		4- 586	HF-TECHNIK	27550		3- 206	QU.FELDTHEO	17025	
BONNIER FM		12-2170	KRISTALLE	65572	CHECCUCCI A		11- 421	HF-TECHNIK	27540	CHEN TSAI CT	5- 956	STARKE WW.	41760	
		10- 779	BESCHLEUNIG	41010	CHECHERNIKOV V.I.		8-3040	STRAHL-BIOL	97020	CHENEVIER M	3-1133	ATOME	52040	
	M	10-1893	FLUESSIGK.	58576			4-2199	MAGN.EIG.FK	69065		10-1461	ATOME	52070	
COSSET H		7-2658	GRENZFL.FK	74535			6-2282	MAGN.EIG.FK	69065	CHENG	CC	6-2986	KOSH.PHYSIK	94580
EDON JC		5-1503	MOLEKUELE	52547	CHECHIK	R	8-2211	MAGN.EIG.FK	69060		CH	2-1823	MECH.EIG.FK	66514
		8-1453	MOLEKUELE	52547			7-1230	KERNREAKTIO	43080		D	7- 932	STARKE WW.	41740
		11-1556	MOLEKUELE	52543			11-1278	KERNREAKTIO	43056	DCH	7- 315	HYDRODYNAM.	23015	
		11-1559	MOLEKUELE	52547	CHECHIN	VA	9- 224	FELDTHEORIE	18000	DK	2-1372	PLASMA	57050	
ETTE JJ		5-1832	FLUESSIGK.	58573	CHECHINA	AA	1-1634	PLASMA	57085		7-1559	PLASMA	57075	
IKI MSR		3-1980	THERMEIG.FK	67520	CHECHURIN	SN	7-2382	PHOTOLEITG.	72500		11- 409	HF-TECHNIK	27530	
		11-3104	DUEENNE SCHI	74040	CHECHURINA EN		9- 424	ELEKTRIZIT.	26016		12- 532	ELEKTRODYN.	26500	
LES A		7- 515	HF-TECHNIK	27560	CHECKRAHAMATOLA					H	8-2174	MAGN.EIG.FK	69025	
	GW	9-1184	ATOME	52027			2- 410	TEILCH.OPT.	27010	HK	3-1372	PLASMA	57050	
	OW	7- 629	OPT.INSTRUM	28535	CHECHIN A		4-1478	MOLEKUELE	52536	LJ	2-2422	PHOTOLEITG.	72510	
		12- 779	KERN-MESSG.	40512	CHECHIN P		1-1130	KERNSEKTR.	42565	LP	8- 883	ELEMENTART.	41566	

CHEON	IT	9- 822	STARKE WW.	41735	CHERNYSHEV YG	8- 97	MESSEN	12240	CHIKAZUMI S	10-2790	DUENNE SCHI	7
		11- 813	STARKE WW.	41735	CHERNYSHEVA NG	4-2170	MAGN.EIG.FK	69010		12-2571	MAGN.EIG.FK	6
CHEPARIN	VP	12-2562	MAGN.EIG.FK	69045		2-2775	IONOSPHERE	91045		12-2585	MAGN.EIG.FK	6
CHEPELEVA	IV	8-2527	FK-SPEKTREN	73355	TF	6-1849	KRISTALLE	65578	CHIKHLADZE BY	2-1448	GASENTLADG.	5
CHEPUR	DV	1-2382	HALBLEITER	71563		1-1677	PLASMA	57279		7- 808	KERN-MESSG.	4
		2-2373	HALBLEITER	71563	CHERRINGTON BE	4-2667	ERDKOERPER	90260	CHIKOVA LO	6- 845	STARKE WW.	4
		4-2392	PHOTOLEITG.	72510	CHERRY RD	2- 87	QUANTENTHEO	16516	CHIKOVANI G	1- 953	STARKE WW.	4
CHEPURNYKH GK		9-2072	DIELEKTRIKA	68020	CHERSI T	12- 819	KERN-MESSG.	40532		5- 973	STARKE WW.	4
CHERDANTSEV PA		1- 224	QU.FELDTHEO	17050	CHERTOK IM	1-2796	SONNENPHYS.	93326	GE	1- 743	KERN-MESSG.	4
		9- 916	KERNSTRUKT.	42080	CHERTOV LA	1-2838	KOSH.PHYSIK	94550	CHILASHVILI GA	9- 892	KERNSTRUKT.	4
		11-1195	KERNREAKTIO	43020	CHERTOPRUD VE	2-2885	KOSH.PHYSIK	94560		11- 120	QUANTENTHEO	1
		12-1401	KERNREAKTIO	43090		9-2995	KOSH.PHYSIK	94560	CHILD HR	1-2143	MAGN.EIG.FK	6
CHERDYNTEVA K.V.		11- 924	STARKE WW.	41783		7-1372	ATOME	52085		11-2477	MAGN.EIG.FK	6
CHEREMISIN SM		8-2550	FK-SPEKTREN	73365	CHERVETSOVA IN	7-1372	ATOME	52085	MS	8-1486	MOLEKUELE	5
CHERENKOV PA		6- 643	BESCHLEUNIG	41040	CHERY D	11- 253	MECHANIK	22038	WJ	2-1168	ATOME	5
		12-1360	KERNREAKTIO	43054	R	10-1154	KERNSPEKTR.	42565	G	5-1075	KERNSPEKTR.	4
CHEREPANOV VI		6-2525	FK-SPEKTREN	73325		10-1306	KERNREAKTIO	43080		8-1120	KERNSPEKTR.	4
		8-1866	KRISTALLE	65545	CHESHIRE IM	12-1452	KERNSTRHLG.	44030		10-1252	KERNREAKTIO	4
		9-1756	KRISTALLE	65540		3-1165	ATOME	52065		12-1214	KERNSPEKTR.	4
CHEREPANOVA TA		7- 236	STATISTIK	17535	CHESLER RB	11-1445	ATOME	52065	GG	12-1240	KERNSPEKTR.	4
CHEREPASHCHUK A.M.		8-2950	STERNE	94050	CHESNOKOV VI	9- 897	KERNSTRUKT.	42030	CHIMONAS G	7-2789	IONOSPHERE	9
CHEREPOVITSKY V.V.		9-2800	IONOSPHERE	91045	CHESTER AN	2-2846	PLANETEN	93630	FK	10-2868	KOSM.STRLG.	9
CHERET C		11- 391	TEILCH.OPT.	27030		11-1821	GASENTLADG.	57840		10-2869	KOSM.STRLG.	9
M		1-1538	PLASMA	57017		11-1822	GASENTLADG.	57840	GY	1-2625	MECH.EIG.FK	6
		2-1436	PLASMA	57017		5-1749	FLUESSIGK.	58527		10-2328	MAGN.EIG.FK	6
R		1- 332	HYDRODYNAM.	23020		12- 385	MECHANIK	22036		10-2329	MAGN.EIG.FK	6
		5- 265	MECHANIK	22020		8- 495	ELEKTRIZIT.	26030		11-2198	MECH.EIG.FK	6
CHEREVATENKO A.P.		9-3031	STRAHL.BIOL	97020	CHETAEV DN	12- 449	HYDRODYNAM.	23050		11-2518	MAGN.EIG.FK	6
CHERIKOV VA		7-1674	GASE	58060		8- 507	ELEKTRODYN.	26500	JH	11- 317	HYDRODYNAM.	2
CHERIN P		3-1698	KRISTALLE	65582	CHETHAM STRODE JR. A.	8- 508	ELEKTRODYN.	26500	CHINN SR	4-2110	FK-SPEKTREN	7
CHERKAS KV		2-2610	DUENNE SCHI	74040		7-1141	KERNSPEKTR.	42575	CHINOWSKY W	3- 804	STARKE WW.	4
CHERKASHCHENKO A.Y.		2-1987	DIELEKTRIKA	68030	CHETKIN MV	12-3108	OPT.EIG.FK	73610		11- 832	STARKE WW.	4
CHERKASHIN EE		10-2000	KRISTALLE	65588		12-3113	OPT.EIG.FK	73610	CHIOVATO OG	1-1289	K-REAKTORE	4
CHERKASOV AS		8-2617	OPT.EIG.FK	73640	CHETUNG A	12-1950	FLUESSIGK.	58525	CHIPLONKAR VT	1- 86	LABORTECHN.	1
		10-1210	KERNREAKTIO	43034	AC	11-2009	FK-SPEKTREN	73300		2-1418	PLASMA	5
EM		3- 540	MASER,LASER	28055	CY	3-2184	HALBLEITER	71563	CHIRGADZE YN	9-1580	GASENTLADG.	5
ID		12-1663	MOLEKUELE	52560	FFK	3-2265	LEITFHGK.FK	70074	AS	6- 541	PHYS.OPTIK	2
II		10- 131	MATH.PHYSIK	16020		3- 167	QU.FELDTHEO	17010	CHIRKIN AS	7-2518	FK-SPEKTREN	7
IA		10-2115	MECH.EIG.FK	66540		9- 155	QU.FELDTHEO	17025	GK	2-2042	FK-SPEKTREN	7
YA		3-2466	PHOTOLEITG.	72510	CHETVALYRE JT	10- 207	QUANTENTHEO	16575	LK	2-2603	DUENNE SCHI	7
CHERMALYKH GN		4- 229	QUANTENTHEO	16575	CHETVALIER G	9-2541	OPT.EIG.FK	73605	CHIRKO VI	7-1219	KERNREAKTIO	4
CHERNYKH PA		8-1682	PLASMA	57270	BT	2- 374	THERMODYN.	24556	AA	9-1061	KERNREAKTIO	4
CHERN B		9- 924	KERNSPEKTR.	42515	M	5-2048	MECH.EIG.FK	66545	AK	12-2314	KRIST.FEHL.	6
CHERNAVSKII DS		9- 881	STARKE WW.	41780	RR	3- 410	ELEKTRODYN.	26530		2-1204	FK-SPEKTREN	7
		11- 848	STARKE WW.	41740	R	1-1858	MAGN.EIG.FK	69010	AP	7-2488	FK-SPEKTREN	7
CHERNAVSKY DS		11- 771	STARKE WW.	41700	RR	1-1830	FK-SPEKTREN	73310	NP	11-2147	KRIST.FEHL.	6
CHERNAYA LF		1-1874	KRIST.FEHL.	66025	CHETVALLIER G	2-1361	PLASMA	57053		2-2743	KOSM.STRLG.	9
CHERNEI MI		6- 995	KERNSPEKTR.	42530	J	10-1265	KERNREAKTIO	43054		3-2770	KOSM.STRLG.	9
CHERNEJ MI		12-1186	KERNSPEKTR.	42515	P	3-1086	KERNREAKTIO	43080	VA	4-2702	KOSM.STRLG.	9
CHERNENKII YN		9-1528	PLASMA	57093		10-1271	KERNREAKTIO	43056	VI	9-2746	KOSM.STRLG.	9
CHERNENKO AA		9-1645	FLUESSIGK.	58520	CHETVILLON PL	11-1039	KERNSPEKTR.	42540		2-1269	MOLEKUELE	5
IM		6-2428	HALBLEITER	71530		3-1032	KERNREAKTIO	43044	VP	5-1261	FK-SPEKTREN	7
LA		1-1490	MOLEKUELE	52575	CHETREL J	5-1101	KERNSPEKTR.	42570	H	2-1428	PLASMA	5
VP		11-1828	GASENTLADG.	57850	CHETRETON M	8- 819	BESCHLEUNIG	41020	CHISAKA H	1- 730	KERN-MESSG.	4
CHERNETS AN		10-2708	OPT.EIG.FK	73645	CHETRETON M	2-2116	MAGN.EIG.FK	69010	CDH	7- 761	KERN-MESSG.	4
		6- 413	MASER,LASER	28045	CHETRIER JC	6- 233	ELASTIZIT.	22530	D	10-1384	ATOME	5
		6-2188	FK-SPEKTREN	73355	CK	3- 119	QUANTENTHEO	16516	RM	7- 321	HYDRODYNAM.	2
CHERNEV HM		11- 945	KERNSTRUKT.	42010	GF	3- 123	QUANTENTHEO	16516	EV	6-2970	KOSM.PHYSIK	9
CHERNEVA EF		10-1839	FLUESSIGK.	58530		1- 168	QUANTENTHEO	16550		2-1983	DIELEKTRIKA	6
CHERNICK CL		12-2452	THERMEIG.FK	67556		4- 227	QUANTENTHEO	16575	CHISTILIN VI	5-2151	DIELEKTRIKA	6
CHERNIK IA		6-2310	LEITFHGK.FK	70028		4- 242	QUANTENTHEO	16582		8-1045	STARKE WW.	4
		11-2725	HALBLEITER	71550		4- 981	STARKE WW.	41755	EA	10- 992	STARKE WW.	4
CHERNIKH IV		6- 617	KERN-MESSG.	40582		4-1019	STARKE WW.	41780	IG	6-1673	FLUESSIGK.	5
CHERNIKOV NA		4- 210	QUANTENTHEO	16530		6- 149	QUANTENTHEO	16582	YM	12-3168	DUENNE SCHI	7
VV		11- 604	KERN-MESSG.	40538		6- 805	STARKE WW.	41755	SD	6-2869	SONNENPHYS.	9
CHERNIKOVA LA		11-2494	MAGN.EIG.FK	69060		6- 820	STARKE WW.	41764		7- 865	ELEMENTART.	4
LB		6-2412	HALBLEITER	71510		7- 176	QUANTENTHEO	16582	CHIU CB	12-3476	KOSM.PHYSIK	9
CHERNISHEVA SP		4-2753	IONOSPHERE	91020	CHETZ J	12-1082	STARKE WW.	41755		1- 858	STARKE WW.	4
CHERNOPLEKOV N.A.		2-1889	GITTERDYN.	67040		1- 861	STARKE WW.	41725		4- 926	ELEMENTART.	4
		8-2075	GITTERDYN.	67020	CHETEAUX M	3- 846	STARKE WW.	41764		5- 874	STARKE WW.	4
		9-1966	GITTERDYN.	67040	CHI M	5- 972	STARKE WW.	41764		6- 137	QUANTENTHEO	1
CHERNOUSOV NP		7- 560	MASER,LASER	28050	CHIANG C	12-1002	STARKE WW.	41725		6- 816	STARKE WW.	4
		11- 459	MASER,LASER	28050	CC	2-1561	FLUESSIGK.	58540		7- 912	STARKE WW.	4
CHERNOV AA		4-1569	POLYMER	53535	D	5- 400	WAERME	24060		8- 228	QUANTENTHEO	1
		4-1917	KRIST.FEHL.	66025	PT	2-2896	SEHEN	96614		9- 790	STARKE WW.	4
		9-1740	KRISTALLE	65510	PD	11- 962	KERNSTRUKT.	42020		11- 844	STARKE WW.	4
GM		10-2204	THERMEIG.FK	67556	P	1-1561	PLASMA	57045		12- 250	QUANTENTHEO	1
		3-2880	PLANETEN	93640	DT	3-2380	HALBLEITER	71530		12-1021	STARKE WW.	4
VM		10-1008	STARKE WW.	41783	PW	7-2377	THERMOELEKT	72010	HY	1-2825	STERNE	9
YA		4-2108	FK-SPEKTREN	73355	YS	1-2296	HALBLEITER	71530	LYC	2-1196	ATOME	5
YI		8-2502	FK-SPEKTREN	73345		12-2443	THERMEIG.FK	67550	RFY	12-2329	MECH.EIG.FK	6
YM		11-2795	PHOTOLEITG.	72510	CHIAO RY	1-1808	KRISTALLE	65512	WC	4- 89	UNTERRICHT.	2
		10-2116	MECH.EIG.FK	66550		10- 611	MASER,LASER	28060	YT	2- 706	ELEMENTART.	4
		12-2363	MECH.EIG.FK	66550	CHIARI J	11-2809	FK-SPEKTREN	73300		4- 880	STARKE WW.	4
CHERNOVA LP		10-1008	STARKE WW.	41783		3-1071	KERNREAKTIO	43064	CHIVE M	11- 687	ELEMENTART.	4
CHERNOVOLENKO A.A.		12-2815	HALBLEITER	71570		10-1593	MOLEKUELE	52580		9-1193	ATOME	5
CHERNUKHIN YI		4-1212	KERNSTRUKT.	42010	CHIBA R	11-1598	MOLEKUELE	52580	CHIVERS DT	10- 546	HF-TECHNIK	2
CHERNY ZD		1- 480	ELEKTRODYN.	26510		1- 750	KERN-MESSG.	40580	K	11- 814	STARKE WW.	4
		11-1702	PLASMA	57045	S	1-1066	KERNSPEKTR.	42545	CHIVODA K	2-1410	PLASMA	5
CHERNYAEVA SM		1- 338	HYDRODYNAM.	23020	T	3-1071	KERNREAKTIO	43064	CHIZHIK TN	12-3143	OPT.EIG.FK	7
CHERNYAKOV RG		8-2619	OPT.EIG.FK	73640		2-2025	FK-SPEKTREN	73370	CHIZHIKOVA ZA	2-1591	FLUESSIGK.	5
CHERNYAVSKAYA N.A.		11-1902	FLUESSIGK.	58530		2-2154	MAGN.EIG.FK	69060	CHIZHOV AK	2-2282	SUPRALEITG.	7
		8- 640	OPT.INSTRUM	28540		6-2178	FK-SPEKTREN	73370	CHKALOVA VY	8-1216	DIELEKTRIKA	6
CHERNYAVSKII B.A.		8- 410	HYDRODYNAM.	23070		11-2956	FK-SPEKTREN	73370	CHKAREULI JL	10- 864	ELEMENTART.	4
HM		6- 847	STARKE WW.	41780	CHIBISOV MI	12-3064	FK-SPEKTREN	73370	CHKHAIDZE L	12-1039	STARKE WW.	4
		7- 931	STARKE WW.	41735		2-2493	FK-SPEKTREN	73330	CHKUASELI ZD	11-1475	ATOME	5
CHERNYAVSKY BG		11- 918	STARKE WW.	41783	CHIBIZOVA KM	3-1164	ATOME	52060		3- 872	STARKE WW.	4
		7-2564	OPT.EIG.FK	73645	CHICHERIN VM	7-1631	GASENTLADG.	57840	CHLEBOWSKA D	5- 697	PHYS.OPTIK	2
		7-2565	OPT.EIG.FK	73645	CHICOTKA RJ	7- 378	WAERME	24023	CHMELA P	5- 698	PHYS.OPTIK	2
CHERNYI AV		9-2705	ERDKOERPER	90200		9- 360	WAERME	24023	CHMELNICK AM	9-1690	FLUESSIGK.	5
GG		2- 295	HYDRODYNAM.	23060	CHICHEN CS	10- 812	BESCHLEUNIG	41040	CHMIELESKI RM	10-1664	PLASMA	5
LM		6-1976	KRIST.FEHL.	66060	CY	2- 827	STARKE WW.	41745	CH	4-1472	MOLEKUELE	5
CHERNYKH VY		5-2636	OPT.EIG.FK	73605	KY	6- 531	PHYS.OPTIK	29066		5-1824	FLUESSIGK.	5
CHERNYSHEV AS		10-1158	KERNSPEKTR.	42565	AM	5- 806	ELEMENTART.	41546		8-1811	FLUESSIGK.	5

IL	G	8-2981	KOSM.PHYSIK	94540	CHRISTY	A	8-1217	KERNREAKTIO	43054	CHUTJIAN	A	2-1285	MOLEKUELE	52560
		9-2977	KOSM.PHYSIK	94540	CHRISTY JR.	EH	5-720	KERN-MESSG.	40505			9-580	OPT.INSTRUM	28570
OS	A	11-3436	KOSM.PHYSIK	94540	CHITCHLOW	PR	9-96	VAKUUM	13030	CHUTOV	YI	2-1451	PLASMA	57253
ROW	D	6-2899	PLANETEN	93630	CHROBOCZEK	JA	12-2764	HALBLEITER	71530			4-1723	GASENTLADG.	57810
URA		1-194	QUANTENTHEO	16588	CHROBOK	G	11-3207	GRENZFL.FK	74573	CHUVILO	IV	3-696	KERN-MESSG.	40505
	SH	12-1756	PLASMA	57035	CHU	B	2-1520	GASE	58060			4-821	KERN-MESSG.	40560
	CS	7-2471	FK-SPEKTREN	73355			9-1713	FLUESSIGK.	58573			4-1008	STARKE WW.	41764
		12-821	KERN-MESSG.	40535		CM	2-2771	IONOSPHERE	91030			12-837	KERN-MESSG.	40555
		12-2195	KRISTALLE	65584			5-1647	PLASMA	57070			12-1108	STARKE WW.	41764
	SI	1-2200	LEITFHGK.FK	70053		CW	3-2308	SUPRALEITG.	70530	CHWASZCZEWSKA	J.	2-1089	KERNREAKTIO	43092
		8-1721	FLUESSIGK.	58520			7-2268	SUPRALEITG.	70540			9-655	KERN-MESSG.	40520
WNOWSKI	H	10-26	BIOGRAPHIEN	10216			9-2145	MAGN.EIG.FK	69060	CHWASZCZEWSKI	S.	10-1356	K-REAKTOREN	43520
IAK	J.	6-248	HYDRODYNAM.	23020			9-2229	SUPRALEITG.	70530			11-1355	K-REAKTOREN	43515
KA	W	12-2412	GITTERDYN.	67070			11-2638	SUPRALEITG.	70540			11-1358	K-REAKTOREN	43520
PPFF	AJ	10-1625	POLYMERE	53542	KC	12-2224	KRIST.FEHL.	66015		CHWASZCZESKA	J.	3-995	KERN-SPEKTR.	42575
IG	DP	11-1486	MOLEKUELE	52510	RYL	6-752	STARKE WW.	41720				10-128	MATH.PHYSIK	16000
		12-1521	ATOME	52040	SY	4-238	QUANTENTHEO	16582				1-2374	HALBLEITER	71540
INET	M	6-2942	KOSM.PHYSIK	94510			5-874	STARKE WW.	41720			2-2803	IONOSPHERE	91072
RA	DV	7-994	STARKE WW.	41790			12-1104	STARKE WW.	41764			5-218	QU.FELDTHEO	17030
		8-975	STARKE WW.	41735		TK	5-1566	PLASMA	57055			7-1308	ATOME	52027
	KL	2-2609	DUEENNE SCHI	74040		TL	1-2596	DUEENNE SCHI	74010			10-200	QUANTENTHEO	16533
		3-2332	SUPRALEITG.	70540			10-2743	DUEENNE SCHI	74000			11-112	QUANTENTHEO	16533
		3-2609	DUEENNE SCHI	74010			10-2754	DUEENNE SCHI	74010			12-824	KERN-MESSG.	40538
		3-2632	DUEENNE SCHI	74040		WK	8-1982	KRIST.FEHL.	66062	CIALELLA	CM	3-1428	PLASMA	57203
		4-2563	DUEENNE SCHI	74020		WT	3-745	ELEMENTART.	41546			7-1731	FLUESSIGK.	58546
		5-2685	DUEENNE SCHI	74010			9-742	ELEMENTART.	41546	CIAPI	M	12-1055	STARKE WW.	41745
		11-3089	DUEENNE SCHI	74040		YH	12-2948	FK-SPEKTREN	73355	CICCARIELLO	I	7-2513	FK-SPEKTREN	73380
		12-3159	DUEENNE SCHI	74010		YY	10-1117	KERN-SPEKTR.	42555	CICCHINI	AA	1-2732	LUFTHUELLE	90820
UARD	P	12-2424	THERMEIG.FK	67510	CHU JR.	ML	3-1546	FLUESSIGK.	58527	CIDDER	PE	5-2735	DUEENNE SCHI	74060
UET BRUHAT	PF	9-43	BUECHER	11020	CHUBACHI	SY	7-1475	MOLEKUELE	52580	CIECHANOWICZ	W	9-1125	K-REAKTOREN	43550
		9-238	FELDTHEORIE	18042		N	4-2040	GITTERDYN.	67060			11-1356	K-REAKTOREN	43520
INSKY	E	12-2353	MECH.EIG.FK	66556	CHUBB	JN	9-1980	GITTERDYN.	67060	CIESLAK	B	4-2507	OPT.EIG.FK	73640
NI	ZP	11-3025	OPT.EIG.FK	73635			3-90	VAKUUM	13010	CIFERRI	A	7-1720	FLUESSIGK.	58540
	LY	10-1626	POLYMERE	53542		TA	9-2661	GRENZFL.FK	74520	CILHLA	Z	4-1478	MOLEKUELE	52536
PC		4-371	ELASTIZIT.	22530	CHUBENKO	AI	3-2807	LUFTHUELLE	90870	CILLIERS	WA	9-1568	PLASMA	57266
SI		8-371	HYDRODYNAM.	23020	CHUBURKOV	VT	6-1808	KRISTALLE	65518	CIMINO	M	8-15	BIOGRAPHIEN	10230
YS		12-739	PHYS.OPTIK	29050		YT	9-1393	MOLEKUELE	52590	CIMPL	Z	3-2164	MAGN.EIG.FK	69065
YT		1-1883	KRIST.FEHL.	66035	CHUCHALIN	IP	2-685	BESCHLEUNIG	41040	CINADER	B	4-2184	MAGN.EIG.FK	69060
		2-1769	KRIST.FEHL.	66035			2-686	BESCHLEUNIG	41040	CINDRICH	I	3-592	OPT.INSTRUM	28570
		4-1930	KRIST.FEHL.	66035	CHUCK	RJ	7-1446	MOLEKUELE	52550			1-1063	KERN-SPEKTR.	42545
DDHERRY	SC	12-385	MECHANIK	22036	CHUCKHLANTSEV	V.G.	10-2739	OPT.EIG.FK	73670			7-1220	KERNREAKTIO	43068
DDHURY	AL	4-1416	ATOME	52070			3-2751	KOSM.STRLG.	90633	CINGOLANI	A	1-2487	FK-SPEKTREN	73330
	SR	2-738	ELEMENTART.	41570	CHUDAKOV	AE	3-2752	KOSM.STRLG.	90633			2-2549	OPT.EIG.FK	73640
		3-207	QU.FELDTHEO	17025			3-2864	SONNENPHYS.	93310	CIOACA	C	11-3039	OPT.EIG.FK	73645
		3-767	STARKE WW.	41700		AY	4-2701	KOSM.STRLG.	90630	CIOCCHETTI	G	5-1034	KERN-SPEKTR.	42920
		3-856	STARKE WW.	41767		YM	8-1050	STARKE WW.	41783	CIOFFI DEGLI	ATTI	1-831	ELEMENTART.	41574
UDKY	A	2-788	STARKE WW.	41725		VS	10-1006	STARKE WW.	41783			12-1208	KERN-SPEKTR.	42540
ARRAQUI	G	7-775	KERN-MESSG.	40530	CHUDLEIGH	PW	10-801	BESCHLEUNIG	41040	CIONINI	A	7-2799	IONOSPHERE	91074
		12-1228	KERN-SPEKTR.	42545	CHUDNOVSKII	AF	10-2184	THERMEIG.FK	67520	CIPLYS	J	8-1304	ATOME	52010
TEAU	B	8-2093	THERMEIG.FK	67510	CHUDNOVSKY	VA	2-2237	LEITFHGK.FK	70060	CIPOLLA	F	4-795	KERN-MESSG.	40520
	CY	1-1567	PLASMA	57045	CHUEV	VI	12-1398	KERNREAKTIO	43085	CIRCLE	RR	7-689	PHYS.OPTIK	29040
		10-1673	PLASMA	57045	CHUGUNOV	IN	4-1196	KERNREAKTIO	43018	CIRIEGI	U	7-2923	KOSM.PHYSIK	94530
	JGY	1-1894	KRIST.FEHL.	66065			6-1104	KERN-SPEKTR.	42560			8-2979	KOSM.PHYSIK	94540
	PC	5-1304	ATOME	52010			11-1079	KERN-SPEKTR.	42550			10-2864	KOSM.STRLG.	90610
CHIU	LY	10-1457	ATOME	52070	CHUGUNOVA	ME	11-2703	HALBLEITER	71530	CIRKOVIC	L	12-604	MASER,LASER	28045
DARI	BVR	10-2618	FK-SPEKTREN	73355			11-2744	HALBLEITER	71566	CISMAS	D	5-2996	STRAHL.BIOL	97010
		12-3004	FK-SPEKTREN	73355	CHUIKIN	EI	4-2735	LUFTHUELLE	90850	CISZEWSKI	R	9-2132	MAGN.EIG.FK	69050
DDHURY	SMM	11-2603	SUPRALEITG.	70510			4-2736	LUFTHUELLE	90850	CITAKOGLU	E	9-385	WAERME	24060
NN	JB	8-1549	PLASMA	57010	CHUKALSKII	EN	7-1797	KRISTALLE	65518	CITIRON	A	10-22	BIOGRAPHIEN	10215
	TR	9-1639	FLUESSIGK.	58520	CHUKHOVSKY	FN	10-2046	KRIST.FEHL.	66060	CIUBOTARIU	C	5-257	FELDTHEORIE	18040
KE	WJ	11-555	PHYS.OPTIK	29055	CHUKINA	TP	5-2639	OPT.EIG.FK	73605			8-1600	PLASMA	57045
EN	RE	2-1042	KERNREAKTIO	43048	CHUKOVA	YP	11-2557	LEITFHGK.FK	70035	CIUPITU	E	1-862	STARKE WW.	41725
		6-1061	KERNREAKTIO	43048	CHUKREYEV	FS	7-600	OPT.INSTRUM	28516	CIZEK	J	9-1286	MOLEKUELE	52516
		8-1200	KERNREAKTIO	43040	CHULANOVSKY	VM	10-1266	KERNREAKTIO	43054	CIZERON	G	7-1924	KRIST.FEHL.	66035
		10-1229	KERNREAKTIO	43046	CHULTEM	DA	6-1282	MOLEKUELE	52516	CLAASSEN	M	7-459	TEILCH.OPT.	27016
SSMAN	B	10-1160	KERN-SPEKTR.	42570	CHUMAEVSKII	NA	12-811	KERN-MESSG.	40525	CLACK	TD	9-3020	HOEREN	96310
ST	N	6-683	ELEMENTART.	41546	CHUMIN	VG	8-1434	MOLEKUELE	52538	CLAD	R	5-1880	FK-SPEKTREN	73355
STAKIS ES		6-1262	MOLEKUELE	52512			6-993	KERN-SPEKTR.	42565	CLADIS	PE	1-2268	SUPRALEITG.	70520
STENHUSZ R		4-552	TEILCH.OPT.	27030			11-1137	KERN-SPEKTR.	42565	CLAES	FH	5-2705	DUEENNE SCHI	74010
STENSEN AB		10-2100	MECH.EIG.FK	66540	CHUN	DH	3-318	HYDRODYNAM.	23050			8-1452	MOLEKUELE	52547
	CJ	6-827	STARKE WW.	41767			11-308	HYDRODYNAM.	23050	CLAESON	T	11-2586	LEITFHGK.FK	70072
		11-1148	KERN-SPEKTR.	42570			2-1666	KRISTALLE	65572			11-2599	SUPRALEITG.	70540
		12-828	KERN-MESSG.	40540	CHUNAIEV	ON	6-1176	ATOME	52022	CLAFFEY	W	4-1827	FLUESSIGK.	58573
DK		6-267	HYDRODYNAM.	23050	CHUNG	ALH	7-535	MASER,LASER	28040	CLAFFY	EW	4-2524	OPT.EIG.FK	73655
PR		3-958	KERN-SPEKTR.	42560		CH	2-1321	MOLEKUELE	52547			4-2526	OPT.EIG.FK	73655
		10-1073	KERN-SPEKTR.	42540		DH	1-1915	MECH.EIG.FK	66514	CLAIBORNE	LT	9-364	WAERME	24023
	RA	6-707	ELEMENTART.	41550			1-1914	MECH.EIG.FK	66514			9-2237	SUPRALEITG.	70550
RM		10-352	ELASTIZIT.	22520			7-1974	MECH.EIG.FK	66514	CLAIRE LE	AD	7-303	ELASTIZIT.	22520
		12-393	ELASTIZIT.	22520			11-2166	MECH.EIG.FK	66514	CLAMPITT	RE	9-1227	ATOME	52070
UR		1-1691	PLASMA	57263			5-1739	FLUESSIGK.	58520	CLANCY	BE	2-1101	K-REAKTOREN	43510
STIAENS W		7-2224	LEITFHGK.FK	70053			10-1812	FLUESSIGK.	58520	CLAPHAM	PC	7-2618	DUEENNE SCHI	74060
STIAN	JE	10-3145	STRAHL.BIOL	97010			5-1567	PLASMA	57055	CLAPP	JB	7-2191	LEITFHGK.FK	70010
JH		4-1904	KRIST.FEHL.	66020			10-1743	PLASMA	57263			10-1209	KERNREAKTIO	43034
JW		2-1829	MECH.EIG.FK	66514			7-153	QUANTENTHEO	16530	CLAREBROUGH	LM	11-1982	KRISTALLE	65530
		6-236	ELASTIZIT.	22530			9-1159	ATOME	52010			1-671	PHYS.OPTIK	29030
STIANSEN G.B.		11-3267	KOSM.STRLG.	90646			11-1392	ATOME	52010	CLARION	C.	2-269	HYDRODYNAM.	23020
		11-3268	KOSM.STRLG.	90646			8-2094	THERMEIG.FK	67510			4-1787	FLUESSIGK.	58540
	J	1-1241	KERNREAKTIO	43062			6-257	HYDRODYNAM.	23030	CLARK	AE	10-2326	MAGN.EIG.FK	69070
		1-1246	KERNREAKTIO	43066			9-813	STARKE WW.	41725			11-2460	MAGN.EIG.FK	69060
	JJ	9-1328	MOLEKUELE	52547			12-1103	STARKE WW.	41764			12-3181	DUEENNE SCHI	74020
	PL	4-751	PHYS.OPTIK	29043			6-146	QUANTENTHEO	16582			12-840	KERN-MESSG.	40560
	WH	10-1675	PLASMA	57045			12-255	QUANTENTHEO	16582	BAJ		4-697	OPT.INSTRUM	28580
STHAN	JR	1-441	THERMODYN.	24530			9-2429	FK-SPEKTREN	73330	BC		4-1205	KERNREAKTIO	43034
STHAS P		5-1099	KERN-SPEKTR.	42570			12-1696	MOLEKUELE	52585			10-1209	KERNREAKTIO	43034
STODDOLLOU A.P.		10-1799	GASE	58050			10-2959	SONNENPHYS.	93316	BD		11-1982	KRISTALLE	6553

CLARK - COHEN TANNOUDJI

CLARK	MG	9-2374	FK-SPEKTREN	73310	CLEMENTI	E	6-1359	MOLEKUELE	52575	COEURE	P	1-2031	DIELEKTRIKA	6
NN		6-2112	THERMEIG.FK	67520	CLEMENTS	RM	5-1619	PLASMA	57203			4-2076	DIELEKTRIKA	6
PA		4-1503	MOLEKUELE	52516			8-1412	MOLEKUELE	52524	COFFEY	HT	10-2416	SUPRALEITG.	7
PE		6-1828	FK-SPEKTREN	73310			8-1413	MOLEKUELE	52524	COFFIN	CT	3- 789	STARKE WW.	4
PH	11-	86	QUANTENTHED	16523	CLEMMOW	PC	8-1623	PLASMA	57055	COFFMAN	CV	8- 327	FELDTHEORIE	1
RF	12-	558	HF-TECHNIK	27500	CLENDENIN	WW	8-1893	KRISTALLE	65576		RE	11-2908	FK-SPEKTREN	7
RK	11-	349	THERMODYN.	24530	CLERC	G	2- 433	TEILCH.OPT.	27040			11-2910	FK-SPEKTREN	7
RS		4-2841	PLANETEN	93630		HO	11-1035	KERNSPKTR.	42540	COFFRE	R	3- 83	LABORTECHN.	1
		6-2892	PLANETEN	93630		R	11-1213	KERNREAKTIO	43034	COGHEN	T	12-1129	STARKE WW.	4
TA		2-2735	GEOMAGNET.	90470			5- 147	QUANTENTHED	16516	COGHAM	WA	11-2026	KRISTALLE	6
		9-2735	GEOMAGNET.	90470	CLERICI	GC	1-1289	K-REAKTOREN	43515	COGLEE	AC	12- 488	WAERME	2
TD		5-2984	HOEREN	96310	CLIFFORD	JO	6-2181	FK-SPEKTREN	73370	COGNEAU	M	1-1247	KERNREAKTIO	4
		12-2633	LEITFHGK.FK	70028		KI	2- 548	OPT. INSTRUM	28570	COHAN	NV	3-1528	GASE	5
WC		4-1940	MECH.EIG.FK	66516		JR	12-2879	FK-SPEKTREN	73325			5-1732	GASE	5
WG		5- 527	HF-TECHNIK	27560	CLIFTON	RJ	5-2031	MECH.EIG.FK	66516			11-2989	FK-SPEKTREN	7
		7-2131	FK-SPEKTREN	73370		CF	7-1883	KRIST.FEHL.	66025	COHEN	AF	8-2202	MAGN.EIG.FK	6
		11- 52	LABORTECHN.	12530	CLINE	CK	8-1291	KERNSTRHLG.	44030		BL	1-1110	KERNSPKTR.	4
CLARK JR.	A	8-2856	SONNENPHYS.	93324		D	1- 867	STARKE WW.	41730			1-1251	KERNREAKTIO	4
GD		3-2513	FK-SPEKTREN	73330			3- 817	STARKE WW.	41740			4-1248	KERNREAKTIO	4
M		7- 355	AKUSTIK	23510			3- 820	STARKE WW.	41745			5- 45	UNTERRICHT	1
CLARKE	BH	1-2091	FK-SPEKTREN	73360			5- 891	STARKE WW.	41730			6-1072	KERNREAKTIO	4
D		3- 557	OPT. INSTRUM	28526			7- 909	STARKE WW.	41725			6-1088	KERNREAKTIO	4
		6-2858	ASTROPHYSIK	93020			7- 963	STARKE WW.	41755			7-1200	KERNREAKTIO	4
		9- 557	OPT. INSTRUM	28526			7-1071	KERNSPKTR.	42545			9- 643	KERN-MESSG.	4
		12-3424	PLANETEN	93650			8-1007	STARKE WW.	41755			9-1065	KERNREAKTIO	4
DE		2-1564	FLUESSIGK.	58543			11- 852	STARKE WW.	41745	CJ		9-2875	PLANETEN	9
EM		10-1454	ATOME	52070			12-1038	STARKE WW.	41735	DS		6-1118	K-REAKTOREN	4
		10-1589	MOLEKUELE	52580		DB	7- 890	STARKE WW.	41700	E		4-2436	FK-SPEKTREN	7
GE		7-1133	KERNSPKTR.	42570		JE	8-1179	KERNSPKTR.	42575			4-2437	FK-SPEKTREN	7
J		11-2630	SUPRALEITG.	70520	CLOGSTON	AM	5-2287	MAGN.EIG.FK	69065			8-2469	FK-SPEKTREN	7
JF		1- 377	HYDRODYNAM.	23060	CLOSE	DJ	11- 290	HYDRODYNAM.	23020	EGD		3-1491	GASE	5
JH		7-2891	STERNE	94025		KJ	9-2681	GRENZFL.FK	74535			7-1695	FLUESSIGK.	5
JHR		6-1753	FLUESSIGK.	58573		BE	2-1545	FLUESSIGK.	58530			11- 207	STATISTIK	1
		10-1888	FLUESSIGK.	58573	CLOTFELTER	WK	6- 221	MECHANIK	22032	H		2- 174	QU.FELDTHEO	1
LP		5-1682	GASENTLADG.	57850	CLOTHIER	GL	9- 629	PHYS.OPTIK	29083	HA		6- 112	QUANTENTHED	1
NS		9- 288	HYDRODYNAM.	23020			10- 349	ELASTIZIT.	22510	J		1-2133	MAGN.EIG.FK	6
OH		4-2485	OPT.EIG.FK	73610		JD	3- 632	PHYS.OPTIK	29045			3- 110	VAKUUM	1
RW		6-2870	KOSM.PHYSIK	94560		WH	5-2279	MAGN.EIG.FK	69060	JB		7-1913	KRIST.FEHL.	6
WB		2-1092	KERNREAKTIO	43092			11-2298	MAGN.EIG.FK	69010	JG		10-3042	STERNE	9
WG		11-1351	K-REAKTOREN	43510		PN	5-1727	GASE	58060	JM		11-3466	KOSM.PHYSIK	9
CLARD	F	8- 93	UNTERRICHT	12055	CLOUGH	S	2-2012	FK-SPEKTREN	73370			6-2992	KOSM.PHYSIK	9
CLARRICOATS P.J.B.		3- 446	HF-TECHNIK	27530			3-1292	MOLEKUELE	52556			8- 325	FELDTHEORIE	1
CLASE	HJ	5-1422	MOLEKUELE	52540		SB	6-1378	POLYMERE	53535	L		5-1253	ATOME	5
CLASSEN	EH	6- 298	WAERME	24040	CLOUPEAU	M	2- 541	OPT. INSTRUM	28563			5-1668	PLASMA	5
CLAUDEL	J	6-2528	FK-SPEKTREN	73330			11- 319	HYDRODYNAM.	23060			7-1301	ATOME	5
		7-2443	FK-SPEKTREN	73330	CLOUTIER	GG	7-1593	PLASMA	57206			8-1317	ATOME	5
CLAUS	H	3-1974	THERMEIG.FK	67510		PA	9-2724	GEOMAGNET.	90440			9-2857	SONNENPHYS.	9
		6-2279	MAGN.EIG.FK	69065	CLOW	JR	1-1744	FLUESSIGK.	58527			10-1406	ATOME	5
		9-1997	THERMEIG.FK	67510	CLUBE	SYM	9-2959	KOSM.PHYSIK	94510	LS		12-1497	ATOME	5
		11-2503	MAGN.EIG.FK	69065	CLYNE	MAA	4-1497	MOLEKUELE	52524	M		4-1347	ATOME	5
CLAUSECKER K		9-2200	LEITFHGK.FK	70065			7-1404	MOLEKUELE	52524			4-1445	MOLEKUELE	5
CLAUSEN	HD	3- 489	MASER,LASER	28035	CNDPS	AM	11- 885	STARKE WW.	41764			4-1446	MOLEKUELE	5
CLAUSER		1-1832	FK-SPEKTREN	73310			11- 886	STARKE WW.	41764			4-1447	MOLEKUELE	5
		3-1641	KRISTALLE	65545			12-1110	STARKE WW.	41764			4-1448	MOLEKUELE	5
CLAUSERT H		10- 526	HF-TECHNIK	27530	COANTIC	M	1- 360	HYDRODYNAM.	23040			5-1240	ATOME	5
CLAUSNITZER G		3- 709	BESCHLEUNIG	41020			1- 361	HYDRODYNAM.	23040			5-1241	ATOME	5
		4-1263	KERNREAKTIO	43064			1- 362	HYDRODYNAM.	23040			5-1242	ATOME	5
		6- 42	BUECHER	11020	COATES	DG	7-2625	GRENZFL.FK	74510			5-1266	ATOME	5
		6-1325	ATOME	52065		LJ	7- 611	OPT. INSTRUM	28530			5-2750	GRENZFL.FK	7
		7-1105	KERNSPKTR.	42560	COATPONT DE Y		4-2193	MAGN.EIG.FK	69065			7-1386	MOLEKUELE	5
CLAUSS	J	9- 30	TAGUNGEN	10540	COATS	RB	11-3251	KOSM.STRLG.	90630			12-1469	ATOME	5
RC		9- 484	MASER,LASER	28020	COBAS	A	12-2798	HALBLEITER	71560			12-1470	ATOME	5
CLAUSSEN	HC	4- 662	OPT. INSTRUM	28523	COBB	BC	5-2667	OPT.EIG.FK	73655			12-1472	ATOME	5
N		8-2028	MECH.EIG.FK	66514		J	4- 841	BESCHLEUNIG	41020			12-1578	ATOME	5
	WF	11-1960	KRISTALLE	65500		JG	4- 693	OPT. INSTRUM	28570	MG		5-2090	GITTERDYN.	6
		1-1760	FLUESSIGK.	58540		JK	9- 704	BESCHLEUNIG	41020	MH		1- 671	PHYS.OPTIK	2
CLAUZEL	J	2-2576	DUEENNE SCHI	74010	COBB JR.	JT	7- 86	LABORTECHN.	12580			1-1738	FLUESSIGK.	5
CLAUVELIER B		6-2874	SONNENPHYS.	93328	COBBLE	JD	2- 325	WAERME	24020			1-2269	SUPRALEITG.	7
		11-3361	SONNENPHYS.	93312	COBINE	MH	3-1467	GASENTLADG.	57860			2-1353	PLASMA	5
CLAVELLI L		7- 983	STARKE WW.	41764	COCA	C	8-1047	STARKE WW.	41775			6-2364	SUPRALEITG.	7
LJ		3- 741	ELEMENTART.	41546	COCCHI	M	6- 562	KERN-MESSG.	40518			9-2984	KOSM.PHYSIK	9
CLAVIN P		12-1857	PLASMA	57210	COCCO	A	4-1958	KRIST.FEHL.	66076			9-2984	KOSM.PHYSIK	9
CLAWSON	AR	11-2021	KRISTALLE	65572	COCCONI	G	1- 877	STARKE WW.	41740	MI		11-2997	OPT.EIG.FK	7
CLAXTON TA		12-3224	GRENZFL.FK	74520		VT	1- 954	STARKE WW.	41764	ML		1-2264	SUPRALEITG.	7
CLAY	BD	9-2435	FK-SPEKTREN	73330			7- 991	STARKE WW.	41775			3-2000	DIELEKTRIKA	6
	CR	4- 710	PHYS.OPTIK	29015			11- 809	STARKE WW.	41730			5- 589	MASER,LASER	2
CLAYDON	JR	4-1444	MOLEKUELE	52512	COCEVA	C	8- 856	KERN-MESSG.	40542			6-2372	SUPRALEITG.	7
CLAYMAN	BP	2-1887	GITTERDYN.	67020	COCHE	A	2- 664	KERN-MESSG.	40582			7-2211	LEITFHGK.FK	7
CLAYTON	DD	3-2898	STERNE	94040			6- 566	KERN-MESSG.	40518			8-2268	LEITFHGK.FK	7
		8-2935	STERNE	94040			7- 781	KERN-MESSG.	40540			11-2998	OPT.EIG.FK	7
	GT	5-1738	FLUESSIGK.	58520			12- 802	KERN-MESSG.	40520	MM		8-2376	HALBLEITER	7
J		10- 935	STARKE WW.	41745			12-2804	HALBLEITER	71566	MS		7- 606	OPT. INSTRUM	2
MJ		10-1000	STARKE WW.	41783	COCHELAP	VA	1-2350	HALBLEITER	71530			11- 390	TEILCH.OPT.	2
NS		12- 506	ELEKTIZIT.	26012	COCHO	G	6- 658	ELEMENTART.	41530	N		6-1332	MOLEKUELE	5
DR		3- 799	STARKE WW.	41725	COCHRAN	EL	11-2907	FK-SPEKTREN	73355			11-1442	ATOME	5
CLEAR	J	4-2664	ERDKOERPER	90240		JB	3-2197	LEITFHGK.FK	70024	R		2-2005	FK-SPEKTREN	7
CLEARY	JS	7- 97	VAKUUM	13016		TB	6- 822	STARKE WW.	41767			10-2917	IONOSPHAERE	9
CLEAVER		9- 83	VAKUUM	13016		W	10-2216	DIELEKTRIKA	68030	RB		6-1217	ATOME	5
CLEGG	AB	7- 895	STARKE WW.	41710			7-2638	GRENZFL.FK	74535	RC		3- 988	KERNSPKTR.	4
		12-1092	STARKE WW.	41760	COCHRAHE	H	5-1801	FLUESSIGK.	58557	RL		11-2811	FK-SPEKTREN	7
TB		6- 630	BESCHLEUNIG	41010	COCIVERA	M	12-2016	FLUESSIGK.	58557			12-2846	FK-SPEKTREN	7
		6- 868	KERNSTRUKT.	42010			12-2016	FLUESSIGK.	58557	RW		1-2276	SUPRALEITG.	7
		10-1060	KERNSPKTR.	42525	COCKAYNE	DJH	3-1683	KRISTALLE	65574			5-2332	LEITFHGK.FK	7
CLELAND	JW	5-1995	KRIST.FEHL.	66065	COCKBURN	PM	1-1052	KERNSPKTR.	42540			11-2647	SUPRALEITG.	7
MR		1- 761	BESCHLEUNIG	41020	COCKCROFT	SIR J.				S		1-1006	KERNSTRUKT.	4
		9- 689	BESCHLEUNIG	41010			3-1100	K-REAKTOREN	43550			3- 942	KERNSPKTR.	4
		9- 711	BESCHLEUNIG	41020			1-1049	KERNSPKTR.	42540			7-1061	KERNSPKTR.	4
	WE	6- 841	STARKE WW.	41773	COCKE	CL	9- 938	KERNSPKTR.	42540			12-1167	KERNSTRUKT.	4
CLM	JR	11-2613	SUPRALEITG.	70520			10-1073	KERNSPKTR.	42540			12-1169	KERNSTRUKT.	4
CLEMENCE	R	11- 245	MECHANIK	22034		WJ	3- 247	FELDTHEORIE	18000	SC		5-121		

COHEN TANNODJI - CONTE

TANNODJI C.	11- 429 MASER, LASER	28000	COLLIN	HL	2-2811 MAGNETOSPH.	91226	COMPAAN	A	12-3090 FK-SPEKTREN	73380
	11-1429 ATOME	52040		JE	8-1671 PLASMA	57235	COMPTON	JP	2-1648 KRISTALLE	65545
G	3- 177 QUANTENTHEO	16578	COLLING	DA	10-2240 MAGN.EIG.FK	69015			2-1649 KRISTALLE	65545
	10- 219 QUANTENTHEO	16578	COLLINGS	AF	2-1572 FLUESSIGK.	58550		RN	6-2274 MAGN.EIG.FK	69060
	11- 746 ELEMENTART.	41574			5-1788 FLUESSIGK.	58546		WD	11-1600 MOLEKUELE	52580
	12- 236 QUANTENTHEO	16575			6-1674 FLUESSIGK.	58540			1-2357 HALBLEITER	71530
CE	1- 76 LABORTECHN.	12540	COLLINS	EW	6-1722 FLUESSIGK.	58560	COMPTON JR.	RT	7-1901 KRIST.FEHL.	66030
	5- 722 KERN-MESSG.	40505		AT	1-1958 GITTERDYN.	67020			10- 493 ELEKTRODYN.	26530
HO	11- 894 STARKE WW.	41767		BG	8- 451 WAERME	24030	COMSA	G	3- 97 VAKUUM	13016
J	8- 52 UNTERRICHT	12025		CB	9-1523 PLASMA	57093			7-2636 GRENZF.L.FK	74530
	12- 491 THERMODYN.	24510		DJ	3- 279 MECHANIK	22034			9-102 VAKUUM	13060
JL	2-1166 ATOME	52040		DW	5-2292 MAGN.EIG.FK	69065	COMSAN	MNH	9-2673 GRENZF.L.FK	74530
	4-1383 MOLEKUELE	52575		EP	9-2713 ERDKOERPER	90260			11-1298 KERNREAKTIO	43064
	5-1270 ATOME	52040		GB	1- 966 STARKE WW.	41783			11-1299 KERNREAKTIO	43064
CCARU	6-1999 KRIST.FEHL.	66076			1- 967 STARKE WW.	41783	COMSTOCK	C	7-2812 MAGNETOSPH.	91230
FR	3-1073 KERNREAKTIO	43066		IF	8- 333 ELASTIZIT.	22520		RL	3-2171 MAGN.EIG.FK	69070
	4-1266 KERNREAKTIO	43066		JG	3-1991 THERMEIG.FK	67530			3-2172 MAGN.EIG.FK	69070
DI	5-2443 HALBLEITER	71560		JH	5- 368 AKUSTIK	23570			11-2006 KRISTALLE	65545
	8-1935 KRIST.FEHL.	66025			11-2381 MAGN.EIG.FK	69030	COMTE	P	11-1629 POLYMERE	53544
YITO	4- 720 PHYS.OPTIK	29020		LE	11-2520 MAGN.EIG.FK	69070	CONAN	A	1-2220 LEITFHGK.FK	70060
ERG	7- 429 ELEKTRIZIT.	26010		LF	2-2689 GRENZF.L.FK	74576	CONARD	J	12-3083 FK-SPEKTREN	73370
UOW	3-2590 OPT.EIG.FK	73625		MF	7- 657 OPT.INSTRUM	28570	CONARD II	GP	1-2103 MAGN.EIG.FK	69015
	5-2651 OPT.EIG.FK	73640			2-2084 MAGN.EIG.FK	69025	CONDAS	GA	3-2591 OPT.EIG.FK	73625
	10-2717 OPT.EIG.FK	73640			11-2301 MAGN.EIG.FK	69010			7-2422 FK-SPEKTREN	73325
	11-2740 HALBLEITER	71566			11-2308 MAGN.EIG.FK	69010	CONDE	CAN	5- 731 KERN-MESSG.	40518
URN	5-2914 PLANETEN	93640		PDB	1- 835 STARKE WW.	41700			7- 748 KERN-MESSG.	40518
	7-2882 PLANETEN	93650			7- 965 STARKE WW.	41755			7- 752 KERN-MESSG.	40518
	10-2949 MAGNETOSPH.	91280			12- 233 QUANTENTHEO	16575		H	6-1045 KERNREAKTIO	43042
	10-3010 PLANETEN	93640			12-1084 STARKE WW.	41755	CONDIT	RH	5-1963 KRIST.FEHL.	66025
PHIM	9-1550 PLASMA	57270		R	7- 804 KERN-MESSG.	40570	CONDO	GT	11- 894 STARKE WW.	41767
	5-1817 FLUESSIGK.	58568			11-1926 FLUESSIGK.	58550	CONDON	EU	10- 70 BUECHER	11030
EAB	6- 184 STATISTIK	17520		RA	4-2636 GRENZF.L.FK	74563			10-1834 FLUESSIGK.	58530
	10- 268 STATISTIK	17535			10-3102 KOSM.PHYSIK	94550	CONDRATE	RA	11-2858 FK-SPEKTREN	73325
GD	1-1085 KERN-SPEKTR.	42550		RE	6-1239 ATOME	52070	CONE	AA	2- 749 ELEMENTART.	41576
GHA	3- 42 BUECHER	11010		SC	5- 81 LABORTECHN.	12530			6- 726 ELEMENTART.	41576
	7-1686 FLUESSIGK.	58520		TC	1-2189 LEITFHGK.FK	70028	CONFORTO	B	6- 750 STARKE WW.	41710
HSD	3-1969 THERMEIG.FK	67510			1-2203 LEITFHGK.FK	70053			10- 933 STARKE WW.	41745
J	2- 797 STARKE WW.	41730	COLLINS II	GW	5-2341 LEITFHGK.FK	70028		G	10- 934 STARKE WW.	41745
	3- 803 STARKE WW.	41730			10-3038 STERNE	94020			2- 939 KERN-SPEKTR.	42515
	6- 812 STARKE WW.	41764	COLLISON	CD	1- 272 FELDTHEORIE	18042			6- 841 STARKE WW.	41773
JA	5-338 HYDRODYNAM.	23040			7- 257 FELDTHEORIE	18010	CONGER	RL	5- 463 ELEKTRIZIT.	26040
	7- 981 STARKE WW.	41764			10- 313 FELDTHEORIE	18042			12- 696 OPT.INSTRUM	28570
RK	3- 394 ELEKTRIZIT.	26016		JA	9-2778 LUFTHUELLE	90860	CONGLETOM	J	7-1988 MECH.EIG.FK	66516
TW	11-3448 KOSM.PHYSIK	94550	COLLOT	C	12-2312 KRIST.FEHL.	66065	CONIO	G	7-1720 FLUESSIGK.	58540
WJ	9- 469 HF-TECHNIK	27530		M	12-2209 KRISTALLE	65588	CONISON	J	1- 66 LABORTECHN.	12510
RK	2-1182 ATOME	52050	COLMAN	D	12-2803 HALBLEITER	71566	CONJEAUD	M	10-1043 KERNSTRUKT.	42070
NL	11-2180 MECH.EIG.FK	66545	COLOCCI	M	2- 744 ELEMENTART.	41574			10-1127 KERN-SPEKTR.	42555
GV	1-2388 HALBLEITER	71563			6- 776 STARKE WW.	41730			10-1296 KERNREAKTIO	43070
AJ	3- 236 STATISTIK	17560	COLOMBANI	A	8- 969 STARKE WW.	41730	CONKLIN	EK	10-1303 KERNREAKTIO	43075
BD	1- 436 THERMODYN.	24510			9- 777 ELEMENTART.	41574	CONLEY	JW	8-3007 KOSM.PHYSIK	94580
	1- 437 THERMODYN.	24510			1-2627 DUENNE SCHI	74040			1-2401 HALBLEITER	71570
	5- 344 HYDRODYNAM.	23060			4-2579 DUENNE SCHI	74040			3-2429 HALBLEITER	71570
	5- 444 THERMODYN.	24550	COLOBANT	D	10- 795 BESCHLEUNIG	41020			3-2431 HALBLEITER	71570
	12- 492 THERMODYN.	24510	COLOBEAU	M	11-2652 SUPRALEITG.	70595	CONLON	TW	1-1136 KERN-SPEKTR.	42565
	5- 264 MECHANIK	22000	COLOMBO	G	6-2744 ERDKOERPER	90230			4-1139 KERN-SPEKTR.	42565
CF	11-1092 KERN-SPEKTR.	42555			6-2883 PLANETEN	93610	CONNELL	D	10- 791 BESCHLEUNIG	41020
E	9-1039 KERNREAKTIO	43052		J	10- 336 MECHANIK	22010	CONNES	J	4-2833 PLANETEN	93612
	11- 884 STARKE WW.	41764			5- 578 MASER, LASER	28055			6-2855 ASTROPHYSIK	93020
JA	12- 803 KERN-MESSG.	40520	COLOMES	L	5-2610 FK-SPEKTREN	73340		P	4-2833 PLANETEN	93612
JP	10-1447 ATOME	52065		JL	7-1598 PLASMA	57235			6- 379 HF-TECHNIK	27540
JT	1-1601 PLASMA	57055	COLOTT	JL	5-1500 MOLEKUELE	52553			6-2855 ASTROPHYSIK	93020
MY	6-2647 DUENNE SCHI	74020	COLQUITT JR.	L	8-2173 MAGN.EIG.FK	69025	CONNOLLY	DJ	1-1638 PLASMA	57093
	9-2630 DUENNE SCHI	74020	COLSON	SD	5-2361 LEITFHGK.FK	70053		JWD	2-2193 LEITFHGK.FK	70024
	10-1973 KRISTALLE	65574			11-2568 LEITFHGK.FK	70053		PL	10-1003 STARKE WW.	41783
PD	3- 537 MASER, LASER	28055	COLTHAN JR.	RR	3-1826 KRIST.FEHL.	66065	CONNOR	JC	4-1227 KERNREAKTIO	43048
PJ	1-2731 LUFTHUELLE	90820	COLTON	E	12-1045 STARKE WW.	41740			5-1219 KERNSTRHLG.	44010
	4- 986 STARKE WW.	41760	COLVIN	RS	7-2912 KOSM.PHYSIK	94520	JNL		6-1361 MOLEKUELE	52550
RA	8-2358 METAL.LEITG	71010			8-2963 KOSM.PHYSIK	94520	RD		4-1124 KERN-SPEKTR.	42560
	10-2814 GRENZF.L.FK	74550	COLWELL	JF	8-2722 ERDKOERPER	90240			4-1160 KERN-SPEKTR.	42570
S	1- 138 QUANTENTHEO	16516		JH	5-2418 SUPRALEITG.	70550			7- 766 KERN-MESSG.	40520
	3- 161 QUANTENTHEO	16575	COMANESCU	M	4-1732 PLASMA	57010		T	7-1142 KERN-SPEKTR.	42575
	8- 187 QUANTENTHEO	16516	COMAR	D	2- 978 KERN-SPEKTR.	42560			4- 156 VAKUUM	13016
MAN JR. PJ	3-2838 MAGNETOSPH.	91223			5-1078 KERN-SPEKTR.	42560	CONNORS	MM	6-1365 MOLEKUELE	52550
	5-2872 MAGNETOSPH.	91270	COMAS	J	2-1811 KRIST.FEHL.	66079			7-2974 SEHEN	96618
	5-2875 MAGNETOSPH.	91280	COMBARIEU DE A		10-2068 KRIST.FEHL.	66065	CONRAD	H	4-1965 MECH.EIG.FK	66545
	7-2805 MAGNETOSPH.	91226	COMBE	R	2- 442 HF-TECHNIK	27530			9-1872 KRIST.FEHL.	66035
	7-2823 MAGNETOSPH.	91280			2- 670 BESCHLEUNIG	41000	CONRADI	J	12-2876 FK-SPEKTREN	73325
					4- 849 HF-TECHNIK	27530	CONRADH	H	9- 553 OPT.INSTRUM	28516
MBRANDER A.H.	4-1224 KERNREAKTIO	43046	COMBES	M	11- 614 KERN-MESSG.	40565	CONRADT	R	7-2353 HALBLEITER	71566
	10- 416 AKUSTIK	23560	COMBET	HA	8- 566 MASER, LASER	28020	CONRATH	BJ	7-2810 MAGNETOSPH.	91230
ES	10-2624 FK-SPEKTREN	73355			12- 122 LABORTECHN.	12540	CONROY	H	5-1347 MOLEKUELE	52510
	12-2555 MAGN.EIG.FK	69040	COMBET FARNoux F.		10-2547 FK-SPEKTREN	73315			5-1349 MOLEKUELE	52510
D	4- 389 HYDRODYNAM.	23020			9-1813 KRISTALLE	65582			11- 68 MATH.PHYSIK	16020
SJ	8-1487 MOLEKUELE	52575	COMBLEY	FH	9-2379 FK-SPEKTREN	73315	CONSIDINE	JP	1-1341 MOLEKUELE	52514
SA	4-1623 PLASMA	57050			5- 15 BIOGRAPHIEN	10230	CONSOLI	T	3-1405 PLASMA	57206
	4-2715 KOSM.STRLG.	90646	COMBRISSON	J	9-2019 THERMEIG.FK	67540			5-1654 PLASMA	57256
	9-2997 KOSM.PHYSIK	94565	COMBS	LL	3-1182 MOLEKUELE	52575			6-1552 PLASMA	57256
SO	5- 106 VAKUUM	13022	COMEUX	AR	3-1172 ATOME	52075	CONSOLIVER	RE	12-3218 GRENZF.L.FK	74510
	11-3338 MAGNETOSPH.	91220	COMES	FJ	4-1398 ATOME	52075	CONSORTINI	A	1- 667 PHYS.OPTIK	29020
L	2-1276 MOLEKUELE	52524			7-1357 ATOME	52075			11- 421 HF-TECHNIK	27540
	8-1410 MOLEKUELE	52524			7-1358 ATOME	52075	CONSTABARIS	G	1-2142 MAGN.EIG.FK	69050
HR	6- 30 BUECHER	11000			7-1359 ATOME	52075			9-1766 KRISTALLE	65545
AS	3- 169 QUANTENTHEO	16578			7-1360 ATOME	52075			11-2816 FK-SPEKTREN	73310
ATZ	4- 13 BIOGRAPHIEN	10215			11-1525 MOLEKUELE	52524			12-2516 MAGN.EIG.FK	69010
S	1-1276 K-REAKTOREN	43500	COMETS	JC	12-2447 THERMEIG.FK	67553	CONSTANCIEL	L	11- 542 PHYS.OPTIK	29035
	1-1282 K-REAKTOREN	43515	COMETTA	C	8- 502 ELEKTRIZIT.	26050	CONSTANS	A	11-1577 MOLEKUELE	52570
	11- 644 KERNSTRHLG.	44010	COMFORT	JR	9-1731 FLUESSIGK.	58510	CONSTANT	E	7- 111 VAKUUM	13025
ERAIN	4- 957 STARKE WW.	41740			1-1095 KERN-SPEKTR.	42555			2- 383 ELEKTRIZIT.	26060
	12-1124 STARKE WW.	41773			3-1068 KERNREAKTIO	43064			9-2510 HALBLEITER	71590
ES	1- 530 HF-TECHNIK	27540			9-1055 KERNREAKTIO	43064			6-1749 FLUESSIGK.	58570
LET	1-1633 PLASMA	57085			12-1336 KERNREAKTIO	43044	CONSTANTIN	A	11-1739 PLASMA	57075
	5-1615 PLASMA	57020	COMINS	JD	8-1949 KRIST.FEHL.	66030	CONSTANTINESCU	A.	7-1171 KERNREAKTIO	43040
	1-1678 PLASMA	57279	COMLY	J	4-2447 FK-SPEKTREN	73330			8-2385 HALBLEITER	71530
LEY	8- 968 STARKE WW.	41730			9-2535 FK-SPEKTREN	73380		C	9-2271 HALBLEITER	71520
	9- 797 STARKE WW.	41700			10-2313 MAGN.EIG.FK	69060			3-2030 FK-SPEKTREN	73370
IER	10-1112 KERN-SPEKTR.	42550			11-2303 MAGN.EIG.FK	69010		F	8- 172 QUANTENTHEO	16513
	9- 580 OPT.INSTRUM	28570			12-2553 MAGN.EIG.FK	69040			12- 176 QUANTENTHEO	16513
	2- 457 MASER, LASER	28020			12-2566 MAGN.EIG.FK	69060			12-176 QUANTENTHEO	16513
	2- 545 OPT.INSTRUM	28570	COMMANAY	L	12- 786 KERN-MESSG.	42518			12-2990 FK-SPEKTREN	73355
	12- 697 OPT.INSTRUM	28570	COMMINS	ED	6- 933 KERN-SPEKTR.	42540			12-2990 FK-SPEKTREN	73355

CONTE - COTTINGHAM

CONTE	F	11-797	STARKE WW.	41725	COOPER	WA	3-799	STARKE WW.	41725	CORLISS	LM	5-2274	MAGN.EIG.FK	617
		11-847	STARKE WW.	41740			8-1046	STARKE WW.	41773			10-2236	MAGN.EIG.FK	617
	RR	3-75	LABORTECHN.	12530			10-890	STARKE WW.	41725			11-2306	MAGN.EIG.FK	617
		8-1276	K-REAKTOREN	43595			12-1056	STARKE WW.	41745	CORMACK	DV	10-3127	BIOPHYSIK	5
		10-94	LABORTECHN.	12520		WD	9-1624	DISP.SYST.	59510	CORMAN	EG	6-1515	PLASMA	5
CONTEL LE	JM	6-2860	ASTROPHYSIK	93020	COOPERMAN	E	10-1265	KERNREAKTIO	43054	CORNACCHIO	JV	8-697	PHYS.OPTIK	2
CONTI	F	12-2550	MAGN.EIG.FK	69035	COOPERSMITH	HH	3-2092	MAGN.EIG.FK	69020	CORNEJO	AD	7-633	OPT.INSTRUM	20
	PS	2-2860	STERNE	94020			4-1597	PLASMA	57030	CORNER	WD	11-2478	MAGN.EIG.FK	617
CONTICELLI M		5-2990	SEHEN	96614			9-407	THERMODYN.	24536	CORNEY	A	12-1572	ATOME	5
CONTOGOURIS AP		6-814	STARKE WW.	41764			10-2227	MAGN.EIG.FK	69000	CORNOLD	N	6-1140	KERNSTRHLG.	4
CONTOPULOS G		3-274	FELDTHEORIE	18050	COOPERSTOCK	FI	7-270	FELDTHEORIE	18045	CORNIL	P	5-1500	MOLEKUELE	5
		10-333	MECHANIK	22010			10-324	FELDTHEORIE	18045	CORNILLE	H	6-130	QUANTENTHED	13
CONWAY	AP	8-1051	STARKE WW.	41790			11-227	FELDTHEORIE	18020			10-208	QUANTENTHED	13
		10-1011	STARKE WW.	41790	COOPS	MS	8-1208	KERNREAKTIO	43048	CORNILLON	R	3-2024	DIELEKTRIKA	617
BE		10-1879	FLUESSIGK.	58568	COOVERT	RE	5-2662	OPT.EIG.FK	73645			5-2156	DIELEKTRIKA	617
DC		10-1512	MOLEKUELE	52514	COPE	RG	9-61	LABORTECHN.	12520	CORNIS	B	7-1651	GASE	5
DE		2-1090	KERNREAKTIO	43092	COPELAND	JA	2-382	ELEKTRIZIT.	26060	CORNMAN	WR	8-1209	KERNREAKTIO	4
		5-1219	KERNSTRHLG.	44010		WD	11-2069	KRIST.FEHL.	66010	CORNWALL	JM	4-1011	STARKE WW.	4
HD		8-2038	MECH.EIG.FK	66545	COPLAND	GM	9-2522	FK-SPEKTREN	73370			5-879	STARKE WW.	4
JG		7-2855	SONNENPHYS.	93328			11-1999	KRISTALLE	69545			12-1102	STARKE WW.	4
		12-2878	FK-SPEKTREN	73325			2-1183	ATOME	52040			3-2454	PHOTOLEITG.	7
PD		1-929	STARKE WW.	41755	COPLEY	G	3-1132	ATOME	52040			5-2518	PHOTOLEITG.	7
RG		1-2783	ASTROPHYSIK	93020			5-1314	ATOME	52065	CORNWELL	CD	6-1254	MOLEKUELE	5
		12-3404	PLANETEN	93614			11-1426	ATOME	52040		JF	10-2366	LEITFHKG.FK	7
CONWELL	EM	1-2376	HALBLEITER	71540		LA	1-765	ELEMENTART.	41510		K	10-1865	FLUESSIGK.	5
		3-2397	HALBLEITER	71540			1-814	ELEMENTART.	41546	CORONITI	FV	9-2721	GEOMAGNET.	9
CONZETT	HE	11-1252	KERN AKTIO	43052			3-1038	KERNREAKTIO	43046			9-2722	GEOMAGNET.	9
COODIN	P	2-2029	FK-SPEKTREN	73355			6-657	ELEMENTART.	41530			9-2723	GEOMAGNET.	9
COOK	AE	2-1675	KRISTALLE	65572			8-931	STARKE WW.	41710	COROTTE	C	6-1847	KRISTALLE	6
	AH	1-2683	ERDKOERPER	90235			1-399	AKUSTIK	23520	CORRA	JP	2-2418	THERMOELEKT	7
		8-98	MESSEN	12215		LG	7-1921	KRIST.FEHL.	66035	CORRE LE	P	7-2059	GITTERDYN.	6
BC		11-1192	KERNREAKTIO	43020	COPPENS	AB	2-1563	FLUESSIGK.	58543	CORREIA	Y	4-1751	GASE	5
		12-787	KERN-MESSG.	40518			12-465	AKUSTIK	23530	CORRIGAN	D	7-942	STARKE WW.	4
BD		1-1968	GITTERDYN.	67060		P	4-139	LABORTECHN.	12530			11-857	STARKE WW.	4
		4-462	AKUSTIK	23570		R	5-2713	DUENNE SCHI	74020	CORRIN	ML	5-2760	GRENZFL.FK	7
CF		3-1105	KERNSTRHLG.	44010	COPPI	B	1-1603	PLASMA	57055			9-2679	GRENZFL.FK	7
		3-1111	KERNSTRHLG.	44030			1-1604	PLASMA	57055	CORSIGLIA	L	6-1162	ATOME	5
		3-2326	SUPRALEITG.	70520			2-1378	PLASMA	57055	CORTELESSA	G	1-1197	KERNREAKTIO	4
		3-2524	FK-SPEKTREN	73330			2-2812	MAGNETOSPH.	91226			11-632	KERN-MESSG.	4
		12-1944	FLUESSIGK.	58520			4-1650	PLASMA	57250			11-1214	KERNREAKTIO	4
CJ		11-1440	ATOME	52065			5-1599	PLASMA	57085	CORTES	R	1-2289	SUPRALEITG.	7
CL		12-1112	STARKE WW.	41764			7-1541	PLASMA	57085	CORTILI	G	12-1716	POLYMERE	5
EL		1-2219	LEITFHKG.FK	70060	COPPOLA	M	9-1480	PLASMA	57055	CORVI	F	8-856	KERN-MESSG.	4
		1-2588	DUENNE SCHI	74010			5-767	KERN-MESSG.	40584	COSACK	M	7-1214	KERNREAKTIO	4
		6-2628	DUENNE SCHI	74010			5-1212	KERNSTRHLG.	44010			11-1305	KERNREAKTIO	4
GE		5-2818	LUFTHUELLE	90815	COPS	A	1-1769	FLUESSIGK.	58543	COSAND	AE	5-2587	FK-SPEKTREN	7
		8-2759	LUFTHUELLE	90830	COGBLIN	B	1-2425	THERMOELEKT	72010	COSENZA	G	11-874	STARKE WW.	4
		8-2914	PLANETEN	93655			11-2061	KRISTALLE	65588	COSGROVE	GJ	3-1724	KRIST.FEHL.	6
GR		4-1401	MOLEKUELE	52585	COQUART	B	5-1441	MOLEKUELE	52524	COSMAN	ER	7-1101	KERNSEKTR.	4
		8-1495	MOLEKUELE	52585			5-1442	MOLEKUELE	52524			7-1199	KERNREAKTIO	4
		11-1582	MOLEKUELE	52575			8-1415	MOLEKUELE	52524			8-1234	KERNREAKTIO	4
HD		2-530	OPT.INSTRUM	28545	COQUET	E	1-2611	DUENNE SCHI	74040			9-1063	KERNREAKTIO	4
J		12-2334	MECH.EIG.FK	66514			1-2629	DUENNE SCHI	74060	COSNAC	DE	8-1986	KRIST.FEHL.	6
JG		2-2408	HALBLEITER	71590	COQUIN	GA	1-2035	DIELEKTRIKA	68050	COSPER	SW	3-1050	KERNREAKTIO	4
		2-2410	HALBLEITER	71590			7-1984	MECH.EIG.FK	66514			8-1101	KERNSEKTR.	4
		2-2411	HALBLEITER	71590	CORATO DI	M	2-789	STARKE WW.	41725			10-1081	KERNSEKTR.	4
		2-2426	PHOTOLEITG.	72500			10-904	STARKE WW.	41725	COSSLETT	SR	10-991	STARKE WW.	4
JL		2-1087	KERNREAKTIO	43090	CORBETT	IF	6-688	ELEMENTART.	41546		VE	1-509	TEILCH.OPT.	2
		4-1316	KERNSTRHLG.	44010	CORBISHLEY	DJ	10-2837	ERDKOERPER	90240			2-422	TEILCH.OPT.	2
		5-997	KERNSTRUKT.	42010	CORCHIA	M	1-1731	FLUESSIGK.	58520			9-1232	ATOME	5
		5-998	KERNSTRUKT.	42010	CORCIOVEI	A	3-2643	DUENNE SCHI	74050	COSSENTA	D	12-877	KERN-MESSG.	4
		7-1010	KERNSTRUKT.	42020			6-2675	DUENNE SCHI	74050	COST	JR	10-2084	MECH.EIG.FK	6
		10-1214	KERNREAKTIO	43040			6-2676	DUENNE SCHI	74050	COSTA	G	4-904	ELEMENTART.	4
PA		4-931	STARKE WW.	41710			7-2614	DUENNE SCHI	74060			4-978	STARKE WW.	4
		9-848	STARKE WW.	41753			11-3129	DUENNE SCHI	74050			9-197	QU.FELDTHEO	1
RJ		12-3087	FK-SPEKTREN	73375	CORCORAN	VJ	3-574	OPT.INSTRUM	28550		M	8-1806	FLUESSIGK.	5
RL		2-1258	MOLEKUELE	52543		WH	11-1777	PLASMA	57235		HO	10-1172	KERNSEKTR.	4
		9-1306	MOLEKUELE	52536	CORCUFF	P	2-2808	IONOSPHERE	91076		P	3-1711	KRISTALLE	6
T		2-78	QUANTENTHED	16516		Y	2-2808	IONOSPHERE	91076			6-1932	KRIST.FEHL.	6
TS		8-2039	MECH.EIG.FK	66545			8-2819	MAGNETOSPH.	91226		S	2-1010	KERNREAKTIO	4
W		3-1037	KERNREAKTIO	43046	CORDANI	UG	1-2680	ERDKOERPER	90210			9-1009	KERNREAKTIO	4
COOK JR.	CF	5-501	TEILCH.OPT.	27030	CORDERO	F	12-870	KERN-MESSG.	40584	COSTA DA	NL	3-954	KERNSEKTR.	4
		12-551	TEILCH.OPT.	27030	CORDES	AW	8-1883	KRISTALLE	65572			8-1158	KERNSEKTR.	4
COOKE	AH	10-2174	THERMEIG.FK	67510		JG	7-840	ELEMENTART.	41540			12-1263	KERNSEKTR.	4
		11-2454	MAGN.EIG.FK	69060		LF	9-2639	DUENNE SCHI	74040	COSTA DE BEAUREGARD	O.			
		11-2480	MAGN.EIG.FK	69060	CORDESSE	A	1-150	QUANTENTHED	16526			4-209	QUANTENTHED	1
		7-629	OPT.INSTRUM	28535	CORDEY	JG	6-1444	PLASMA	57050			4-538	ELEKTRODYN.	2
	BA	12-779	KERN-MESSG.	40512			11-1724	PLASMA	57055			4-539	ELEKTRODYN.	2
D		10-657	OPT.INSTRUM	28556	CORDIER	H	4-464	WAERME	24000			10-485	ELEKTRODYN.	2
DJ		10-3101	KOSM.PHYSIK	94550	CORDS	D	3-854	STARKE WW.	41764	COSTA RIBEIRO	S.			
JH		10-172	QUANTENTHED	16526			11-797	STARKE WW.	41725			12-2301	KRIST.FEHL.	6
COOL	RL	3-805	STARKE WW.	41730		H	12-1365	KERNREAKTIO	43064	COSTACHE	G	3-2643	DUENNE SCHI	7
		5-892	STARKE WW.	41730	CORE	WGF	7-1242	KERNREAKTIO	43092			6-2676	DUENNE SCHI	7
		9-766	ELEMENTART.	41570	COREMANS	B	10-1011	STARKE WW.	41790	COSTATO	M	5-2481	HALBLEITER	7
COONEY	JA	10-1795	GASE	58060			11-929	STARKE WW.	41790			9-2303	HALBLEITER	7
COOP	KL	4-1221	KERNREAKTIO	43046	COREMBERG	J	9-1983	GITTERDYN.	67070	COSTE	J	9-1508	PLASMA	5
		6-1094	KERNREAKTIO	43075	COREN	RI	8-2657	DUENNE SCHI	74050	COSTELLO	J	11-2020	KRISTALLE	6
		7-1176	KERNREAKTIO	43044	CORENZWIT	E	8-2345	SUPRALEITG.	70550	COSTIKAS	A	2-1761	KRIST.FEHL.	6
		7-1177	KERNREAKTIO	43044			12-2717	SUPRALEITG.	70540	COSTILHES	JP	4-1246	KERNREAKTIO	4
COOPER	AR	9-1662	FLUESSIGK.	58530	CORET	A	1-2670	GRENZFL.FK	74570	COTE	RE	2-1033	KERNREAKTIO	4
	BR	4-2200	MAGN.EIG.FK	69070			5-2322	LEITFHKG.FK	70053			2-1041	KERNREAKTIO	4
		6-1813	KRISTALLE	65545			5-2534	PHOTOLEITG.	72510			4-1216	KERNSEKTR.	4
		6-2229	MAGN.EIG.FK	69025	COREY	CL	5-1931	KRISTALLE	65588			6-979	KERNSEKTR.	4
		10-1935	KRISTALLE	65545	CORFU	B	6-1087	KERNREAKTIO	43064	COTHERN	CR	7-1091	KERNSEKTR.	4
		11-2473	MAGN.EIG.FK	69060	CORGE	CR	2-1024	KERNREAKTIO	43040			11-1127	KERNSEKTR.	4
BS		12-1164	KERNSTRUKT.	42070	CORIELL	AS	3-1894	MECH.EIG.FK	66556			4-1160	KERNSEKTR.	4
CB		2-1811	KRIST.FEHL.	66079		SR	12-1708	POLYMERE	53535			8-1141	KERNSEKTR.	4
F		11-740	ELEMENTART.	41574			12-2093	KRISTALLE	65510			9-970	KERNSEKTR.	4
J		11-1469	ATOME	52075			12-2669	LEITFHKG.FK	70060			12-1295	KERNSEKTR.	4
JA		3-2878	PLANETEN	93640	CORINALDESI	E	4-1546	MOLEKUELE	52585	COTIGNOLA	JM	6-2417	HALBLEITER	7
		7-2763	LUFTHUELLE	908										

COTTINGHAM - CROSIGNANI

NGHAM WN	4- 925 ELEMENTART.	41586	COWLEY	MD	1-1588 PLASMA	57050	CRAWFORD JR	1-1696 PLASMA	57202
H E	1-1063 KERNSPEKTR.	42545			7- 345 HYDRODYNAM.	23070	OH	4-1533 MOLEKUELE	52580
ELL AH	10-1260 KERNREAKTIO	43054			12-1808 PLASMA	57080		5-1490 MOLEKUELE	52576
	3-1608 FK-PHYSIK	65000			2-1904 GITTERDYN.	67060		6- 351 ELEKTRODYN.	26540
	6-2024 MECH.EIG.FK	66516			10-2271 MAGN.EIG.FK	69030	CRAWFORD JR. F.S.		
RLA	8-1228 KERNREAKTIO	43064			11-2316 MAGN.EIG.FK	69010		11- 781 STARKE WW.	41725
TL	2-1485 GASENTLADG.	57846			11-2379 MAGN.EIG.FK	69030		12-1100 STARKE WW.	41764
	4-1476 MOLEKUELE	52575			12-2372 GITTERDYN.	67000	JH	1-1897 KRIST.FEHL.	66065
RM	1-1867 KRIST.FEHL.	66020			12-2510 MAGN.EIG.FK	69010		4-1960 KRIST.FEHL.	66076
GP	4-1103 KERNSPEKTR.	42550						5-1995 KRIST.FEHL.	66065
ET	4-2648 GRENZFL.FK	74576	COWPERTHWAIT M.		8- 62 UNTERRICHT	12030		7-1894 KRIST.FEHL.	66030
RC	8-2694 GRENZFL.FK	74535			11- 348 THERMODYN.	24520	CRAWLEY	10- 91 LABORTECHN.	12510
VILLE H	11- 319 HYDRODYNAM.	23060			1-2833 KOSM.PHYSIK	94530	DJ	4- 171 VAKUUM	13030
C	2-1279 MOLEKUELE	52524	COWSIK	R	9-2742 KOSM.STRLG.	90630		6- 80 VAKUUM	13030
	5-1441 MOLEKUELE	52524			7-2701 GEOMAGNET.	90430	GM	4-1239 KERNREAKTIO	43054
	5-1442 MOLEKUELE	52524	COX	A	12-3287 GEOMAGNET.	90430		10-1293 KERNREAKTIO	43068
	8-1415 MOLEKUELE	52524			6-1058 KERNREAKTIO	43046		11-1248 KERNREAKTIO	43052
P	3-1736 KRIST.FEHL.	66015			11-2276 DIELEKTRIKA	68020		11-1263 KERNREAKTIO	43054
R	5-1730 GASE	58060			10- 891 STARKE WW.	41725	CRAYA	3- 307 HYDRODYN.	23020
CA	2- 102 QUANTENTHEO	16530			DC 7- 504 HF-TECHNIK	27540	CREACH	2-2702 ERDKOERPER	90260
	2-2660 GRENZFL.FK	74530			DE 7-1837 KRISTALLE	65576	CREASER	RP 6-1601 GASE	58025
	6- 120 QUANTENTHEO	16533			10-2230 MAGN.EIG.FK	69010	CREBASSA	J 2-2626 DUENNE SCHI	74060
	6-1166 ATOME	52010			GA 3-1622 KRISTALLE	65518	CRECELIUS	G 9-1765 KRISTALLE	65545
	6-1344 MOLEKUELE	52575			GC 1-1218 KERNREAKTIO	43052	CREED	DR 5-2950 KOSM.PHYSIK	94530
	7- 150 QUANTENTHEO	16526			11-1240 KERNREAKTIO	43050	CREEK	DM 9-1197 ATOME	52040
	9- 148 QUANTENTHEO	16553			GF 8-1062 KERNSTRUKT.	42010		9-1239 ATOME	52075
	10-1496 MOLEKUELE	52510			J 4- 912 ELEMENTART.	41574		12- 152 VAKUUM	13025
	10-1920 KRISTALLE	65530			10-2047 KRIST.FEHL.	66062	CREMER	6- 284 AKUSTIK	23520
	12- 207 QUANTENTHEO	16530			JE 4-2388 THERMOELEKT	72010	CREMIN	5-2969 KOSM.PHYSIK	94570
JA	7- 803 KERN-MESSG.	40570			JR 11- 142 QUANTENTHEO	16585	CREMMER	6- 670 ELEMENTART.	41543
CA	1- 158 QUANTENTHEO	16530			R 12-2318 KRIST.FEHL.	66073		7- 950 STARKE WW.	41753
	4- 86 UNTERRICHT	12025			12-2977 FK-SPEKTREN	73355	CREMONESE	M 10-2547 FK-SPEKTREN	73315
JRM	8-1690 GASENTLADG.	57840			RA 12-1689 MOLEKUELE	52575	CRENNELL	DJ 5- 886 STARKE WW.	41725
LV	6-2127 THERMEIG.FK	67550			RG 2-1552 FLUESSIGK.	58540		8-1042 STARKE WW.	41770
PW	5- 884 STARKE WW.	41725			SA 12-1440 KERNSTRHLG.	44010		11- 893 STARKE WW.	41767
	10- 231 QUANTENTHEO	16585	COX JR.	HL	7-1352 ATOME	52070	CRESPI	V 2-1094 KERNREAKTIO	43092
	11- 783 STARKE WW.	41725			8-1356 ATOME	52070	CRESPO	VP 4-1326 KERNSTRHLG.	44030
R	7-2470 FK-SPEKTREN	73355	COXON	JA	4-1497 MOLEKUELE	52524	CRETEN	WL 6- 938 KERNSPEKTR.	42545
MA	6-1167 ATOME	52010			7-1404 MOLEKUELE	52524	CREUTZ	E 5- 16 BIOGRAPHIEN	10230
HA	3- 466 HF-TECHNIK	27540	COYNE	DG	1- 829 ELEMENTART.	41574	CREUTZBERG	F 1-1484 MOLEKUELE	52524
	10- 522 HF-TECHNIK	27500			4- 910 ELEMENTART.	41574		4-1457 MOLEKUELE	52514
	11-2933 FK-SPEKTREN	73360			GV 10-3061 STERNE	94050	CREUTZIG	H 10-3150 STRAHL.BIOL	97010
	12- 679 OPT.INSTRUM	28545			RF 11-1646 POLYMERE	53550	CREUZBURG	M 9-2395 FK-SPEKTREN	73325
	7- 116 VAKUUM	13060	COZZIKA	G	9- 827 STARKE WW.	41740	CREVECOEUR	C 3-2377 HALBLEITER	71520
MAC	4- 597 HF-TECHNIK	27550	CRABB	DG	1-1242 KERNREAKTIO	43062		10-2215 DIELEKTRIKA	68020
NOT	1-2784 ASTROPHYSIK	93020			5- 908 STARKE WW.	41740	CREVELING	L 5-2108 THERMEIG.FK	67510
AND	JR 12- 165 VAKUUM	13060			12-1042 STARKE WW.	41740	CREWE	AV 6- 360 TEILCH.OPT.	27030
Y	7- 342 HYDRODYNAM.	23060	CRACIUN	P	3- 704 KERN-MESSG.	40582		11- 648 BESCHLEUNIG.	41010
NNT	H 8- 789 KERN-MESSG.	40555	CRACKNELL	AP	1-1821 KRISTALLE	65545	CRIBIER	D 1-2274 SUPRALEITG.	70520
	R 9- 40 BUECHER	11010			10-2132 GITTERDYN.	67000		9-1146 KERNSTRHLG.	44010
	11- 30 BUECHER	11010			12-2574 MAGN.EIG.FK	69060	CRIDER	WL 8-1824 DISP.SYST.	59510
	2- 696 ELEMENTART.	41520			MF 2-1647 KRISTALLE	65545		9-1728 DISP.SYST.	59510
U	A 8-1554 PLASMA	57010	CRADDOCK	JH	11-1870 GASE	58020		9-1735 DISP.SYST.	59540
IN	C 6-1594 GASE	58020	CRAGG	CB	9-1686 FLUESSIGK.	58555	CRIEGEE	L 4-1203 KERNREAKTIO	43028
REY	BM 1- 306 MECHANIK	22050	CRAIG	AG	1-1248 KERNREAKTIO	43066	CRIFO	JF 3-2841 MAGNETOSPH.	91230
REL	R 5-2046 MECH.EIG.FK	66545			5-2324 LEITFHGK.FK	70038	CRIPPA	PR 8-3040 STRAHL.BIOL	97020
ES	G 2-2820 ASTROPHYSIK	93020			8-1396 MOLEKUELE	52514		9-2616 OPT.EIG.FK	73655
	6- 482 OPT.INSTRUM	28545			10-2380 LEITFHGK.FK	70053	CRISA	V 12-2208 KRISTALLE	65588
	10-3078 KOSM.PHYSIK	94510			JV 1-1930 MECH.EIG.FK	66516	CRISAN	M 5-1959 KRIST.FEHL.	66025
IER	GM 2-2811 MAGNETOSPH.	91226			PP 3-1551 FLUESSIGK.	58527		12- 280 QU.FELDTHEO	17015
NEY	JC 2-1123 KERNSTRHLG.	44010			5-1888 FK-SPEKTREN	73310	CRISCUOLI	R 2-2109 MAGN.EIG.FK	69040
TH	3-2317 SUPRALEITG.	70540			8-2204 MAGN.EIG.FK	69060	CRISLER	RO 10- 634 OPT.INSTRUM	28530
WG	10-1791 GASE	58045			R 5-2950 KOSM.PHYSIK	94530	CRISTESCU	M 12-1913 GASENTLADG.	57840
	10-1792 GASE	58045			11-3244 KOSM.STRLG.	90610	CRISTU	MI 5-1061 KERNSPEKTR.	42550
LOIS	L 1- 538 MASER,LASER	28000			7-2747 LUFTHUELLE	90840	CRISWELL	DR 2- 534 OPT.INSTRUM	28556
	1-2134 MAGN.EIG.FK	69045	CRAIK	ADD	7- 346 HYDRODYNAM.	23070	CRITCHFIELD	CL 3- 258 FELDTHEORIE	18020
	10- 535 HF-TECHNIK	27540			DJ 4-2120 MAGN.EIG.FK	69040	CRITCHLEY	TA 3- 931 KERNSPEKTR.	42545
	10-2639 FK-SPEKTREN	73360			4-2165 MAGN.EIG.FK	69040	CRITCHLOW	PR 4-1975 MECH.EIG.FK	66514
Y	A 3- 291 HYDRODYNAM.	23010			6-2247 MAGN.EIG.FK	69035	CRITTENDEN	RR 4- 949 STARKE WW.	41735
	C 10-1893 FLUESSIGK.	58576			8-2187 MAGN.EIG.FK	69035	CRIVELLI	I 2- 349 THERMODYN.	24520
	12-1593 MOLEKUELE	52512			11-2395 MAGN.EIG.FK	69035	CROCE	PA 11-3391 PLANETEN	93655
NS	CSG 4-1977 MECH.EIG.FK	66514			12-2548 MAGN.EIG.FK	69035		2- 519 OPT.INSTRUM	28530
ELEMENT	R 3- 906 KERNSPEKTR.	42515	GRAM	LS	3-2686 GRENZFL.FK	74520	CROCHET	M 2-2806 IONOSPHERE	91072
ANCEAU	J 3- 979 KERNSPEKTR.	42565	GRAMARIUC	R	5- 456 ELEKTARIZIT.	26010	CROCKER	A 1- 582 MASER,LASER	28055
M	5- 405 WAERME	24060	CRAMER	JG	11-1108 KERNSPEKTR.	42560		AG 9-1746 KRISTALLE	65514
	1- 333 HYDRODYNAM.	23020			11-1327 KERNREAKTIO	43080		AJ 1-2313 HALBLEITER	71520
	4- 402 HYDRODYNAM.	23020	CRANBERG	L	2-1040 KERNREAKTIO	43048		8-1936 KRIST.FEHL.	66025
AU	P 9-2949 STERNE	94050			3- 681 KERN-MESSG.	40530		10-2026 KRIST.FEHL.	66025
UR LE	KJ 8- 518 ELEKTRODYN.	26540			4-1210 KERNREAKTIO	43040	CROCKET	JH 6-2893 PLANETEN	93630
SS	MD 4-2559 DUENNE SCHI	74020			7-1180 KERNREAKTIO	43048	CROFT	PD 10-1311 KERNREAKTIO	43085
	M 9-1312 MOLEKUELE	52538			8- 755 KERN-MESSG.	40518		10-1312 KERNREAKTIO	43085
	S 1-2186 LEITFHGK.FK	70024			2- 636 KERN-MESSG.	40518		6-1780 KRISTALLE	65510
	4- 788 KERN-MESSG.	40518	CRANDALL	DG	7-2391 PHOTOLEITG.	72510	CRIOISSIAUX	M 8- 896 ELEMENTART.	41574
	4-1330 KERNSTRHLG.	44030			RS 1-2429 PHOTOLEITG.	72510		MR 12-1405 KERNREAKTIO	43092
	12- 567 HF-TECHNIK	27540			12-2748 HALBLEITER	71520	CRIOITORU	N 8-2429 THERMOELEKT	72010
LT	DO 11-2095 KRIST.FEHL.	66030			12-2749 HALBLEITER	71520		8-2433 PHOTOLEITG.	72510
LO	A 4-1159 KERNSPEKTR.	42570	CRANE	HR	4- 6 BIOGRAPHIEN	10213		9-2322 HALBLEITER	71570
	6- 873 KERNSTRUKT.	42020			7- 867 ELEMENTART.	41550		9- 449 ELEKTRODYN.	26540
GTON	AE 1-2782 ASTROPHYSIK	93020			PJ 2-2643 GRENZFL.FK	74520	CROMBEEM	J 12- 882 KERN-MESSG.	40584
EJ	12- 627 MASER,LASER	28055	CRANGLE	J	10-2298 MAGN.EIG.FK	69050	CROMBIE	AC 12- 29 BIOGRAPHIEN	10220
CL	8-2973 KOSM.PHYSIK	94530	CRANNELL	CJ	4-1022 STARKE WW.	41783	CROMER	A 3- 874 KERNSTRUKT.	42010
DL	11-2323 MAGN.EIG.FK	69010			4-1206 KERNREAKTIO	43034		5- 906 STARKE WW.	41740
EW	1-2711 KOSM.STRLG.	90600			5- 725 KERN-MESSG.	40503		DT 8-1364 ATOME	52075
JA	3-1991 THERMEIG.FK	67530			6-1038 KERNREAKTIO	43032	CROMEY	PR 9- 616 PHYS.OPTIK	29048
RD	1-1352 ATOME	52024			9-1012 KERNREAKTIO	43032		11- 617 KERN-MESSG.	40570
	6-1160 ATOME	52010			11-1212 KERNREAKTIO	43032	CROMPTON	RW 4-1421 ATOME	52070
	12-1490 ATOME	52020	CRANSHAW	TE	2-1657 FK-SPEKTREN	73310		4-1729 GASENTLADG.	57815
	8- 912 ELEMENTART.	41576			3-1644 KRISTALLE	65545		11-1677 PLASMA	57030
LA	10-2344 LEITFHGK.FK	70010			3-1646 FK-SPEKTREN	73310	CRONENBERGER	D 1-1219 KERNREAKTIO	43052
TAT	2-2376 HALBLEITER	71563	CRASEMANN	B	4-1157 KERNSPEKTR.	42570	CRONENHETT	WT 6-1746 FLUESSIGK.	58570
	9-2592 OPT.EIG.FK	73640			12-1185 KERNSPEKTR.	42515	CRONIN	JA 3- 48 BUECHER	11040
JA	11-2960 FK-SPEKTREN	73370			6-1309 MOLEKUELE	52528		5- 791 ELEMENTART.	41510
VG	3-2732 KOSM.STRLG.	90630	CRASNIER	F	4- 387 HYDRODYN.	23015		11- 694 ELEMENTART.	41540
JMG	4-1575 POLYMERE	53542	CRAUBNER	H	8-1529 POLYMERE	53542		11- 711 ELEMENTART.	41546
A	9-2520 FK-SPEKTREN	73370			E 1-1568 PLASMA	57045	CRONSON	HM 2-1424 PLASMA	57279
AH	2-2014 FK-SPEKTREN	73370	CRAUSSE	E	7- 709 PHYS.OPTIK	29060	CRONSTROM	C 2- 825 STARKE WW.	41740
	2-2015 FK-SPEKTREN	73370	CRAYALHO	EG	12-2614 LEITFHGK.FK	70024		3- 159 QUANTENTHEO	16572
AP	9-2913 STERNE	94000	CRAYEN	JE	12-3011 FK-SPEKTREN	73360		3- 160 QUANTENTHEO	16572
CR	4-1364 ATOME	52040	CRAW LE	RC	10-1226 ATOME	52070	CROOK	OM 9-2814 IONOSPHERE	91074
ER	7-2046 GITTERDYN.	67040	CRAWFORD	CK	1-1702 GASENTLADG.	57840	CROOKSTON	RB 9- 383 WAERME	24060
FC	5-2847 IONOSPHERE	91050			2-1345 PLASMA	57085	CROOM	DL 1-2789 SONNENPHYS.	93312
	5-2848 IONOSPHERE	91050			5-1547 PLASMA	57070	CROS	Y 7- 435 ELEKTARIZIT.	26030
JM	9-1802 KRISTALLE	65574			6-1537 PLASMA	57213	CROSBIE	AL 5- 702 PHYS.OPTIK	29060
	11-2028 KRISTALLE	65574			7-1588 PLASMA	57090	CROSIGNANI	B 1-1727 FLUESSIGK.	58920
	11-2123 KRIST.FEHL.	66060			GE 11-1325 KERNREAKTIO	43080		2- 462 MASER,LASER	28035

CROSIGNANI B	12-1830 PLASMA	57093	CUISENIER M	6- 450 OPT.INSTRUM	28530	CYRANSKI R	10- 125 VAKUUM
	12-1847 PLASMA	57206	CUJEC B	7-1094 KERNSPEKTR.	42550	CYROT M	4-2306 SUPRALEITG.
CROSLEY DR	6-1334 MOLEKUELE	52585	CUKIER RI	3- 379 THERMODYN.	74500		12-2715 SUPRALEITG.
CROSNIER Y	9-1193 ATOME	52035	CUKIERDA T	12- 272 QU.FELDTHEO	17010	CYROT LACKMANN F.	
	10- 546 HF-TECHNIK	27560	CUKROWSKI AS	12-1922 GASE	58025		8-1726 FLUESSIGK.
CROSS AK	3- 302 HYDRODYNAM.	23020	CULHANE JL	3- 682 KERN-MESSG.	40530	CYVIN BN	8-1395 MOLEKUELE
DE	8- 368 HYDRODYNAM.	23010	CULIK J	9-2652 DUENNE SCHI	74050		9-1271 MOLEKUELE
JD	6- 356 TELCH.OPT.	27016	CULLEN AL	2-1427 PLASMA	57206	SF	12-1622 MOLEKUELE
JL	3- 94 VAKUUM	13013	GW	3-2327 SUPRALEITG.	70540	SJ	8-1395 MOLEKUELE
KB	4-2543 DUENNE SCHI	74010	JR	11-2377 MAGN.EIG.FK	69030		9-1271 MOLEKUELE
LE	2-1969 DIELEKTRIKA	68020		1- 298 MECHANIK	22036	CZACHOWSKA Z	10-2876 KOSH.STRLG.
	3-2019 DIELEKTRIKA	68030	CULLIFORD ER	7-1248 KERNREAKTIO	43092		11- 921 STARKE WW.
	11-2281 DIELEKTRIKA	68020		4- 798 KERN-MESSG.	40522	CZAJKOWSKI GZ	12- 203 QUANTENTHEO
	11-2287 DIELEKTRIKA	68030	CULLIGAN G	6- 688 ELEMENTART.	41546		M 3- 553 OPT.INSTRUM
NL	7- 410 WAERME	24070	CULLY RD	11-2197 MECH.EIG.FK	66553	CZAPEK M	6- 502 STARKE WW.
RC	11-1744 PLASMA	57080	CULPEPPER BM	8-2484 FK-SPEKTREN	73330		10-1053 KERNSTRUKT.
	12-1806 PLASMA	57080	CULSHAW W	8- 596 MASER,LASER	28055	CZARNACKI W	9- 655 KERN-MESSG.
	12-1607 PLASMA	57080	CULVAHOUSE JW	10-2620 FK-SPEKTREN	73355	CZARNY J	10-1530 MOLEKUELE
	WG	5- 760 KERN-MESSG.	CUMMACK CH	2-2788 IONOSPHERE	91050	CZARYCKI W	6-2274 GRENZFL.FK
CROSS JR. RJ	9-1352 MOLEKUELE	52575	CUMME G	1-1704 GASENTLADG.	57810	CZEPA O	8-2714 GEOPHYSIK
CROSSLAND WA	1-2601 DUENNE SCHI	74010	CUMMING G	6- 520 PHYS.OPTIK	29045	CZERLINSKY ER	6-2264 MAGN.EIG.FK
CROSSLEY WA	2-2059 FK-SPEKTREN	73360	JB	4-1326 KERNSTRHLG.	44030		10-2637 FK-SPEKTREN
	12-2590 MAGN.EIG.FK	69065		12-1131 STARKE WW.	41783	CZERNAWSKI DS	11- 913 STARKE WW.
	12-3110 OPT.EIG.FK	73610	CUMMINGS FW	5- 530 MASER,LASER	28000		J 1-2263 SUPRALEITG.
CROSSWHITE HM	9-2405 FK-SPEKTREN	73325		6-1657 FLUESSIGK.	58525		6- 201 STATISTIK
	11-2005 KRISTALLE	65545	JE	9- 936 KERNSPEKTR.	42540	CZUBEK JA	11- 631 KERN-MESSG.
CROTHERS DSF	10-1464 ATOME	52070	RD	3- 357 WAERME	24060	CZYZ P	4-2507 OPT.EIG.FK
CROUCH K	6-1570 GASENTLADG.	57815	WD	5-2874 MAGNETOSPH.	91280		11-3035 OPT.EIG.FK
CROUCHLEY JE	3-2812 LUFTHUELLE	90880		3-1622 KRISTALLE	65518	W	3-1020 KERNREAKTIO
CROUSER LC	4-2226 LEITFHGK.FK	70024	CUMMINS DO	1-2508 FK-SPEKTREN	73340		11-1210 KERNREAKTIO
	6-2732 GRENZFL.FK	74573	HZ	1-2509 FK-SPEKTREN	73340		11-1211 KERNREAKTIO
	12-3260 GRENZFL.FK	74563		11-1948 FLUESSIGK.	58573		12-1065 STARKE WW.
CROUSILLAT J	6-2730 GRENZFL.FK	74570	CUNDALL RB	8- 630 OPT.INSTRUM	28530	CZYZAK SJ	5-1267 ATOME
CROVINI L	6-2137 THERMEIG.FK	67556	CUNHA MA	11-1856 GASE	58025		9-2968 KOSH-PHYSIK
	10- 424 WAERME	24020	CUNNINGHAM AA	1- 190 QUANTENTHEO	16585	CZYZEWSKI O	4- 967 STARKE WW.
CROW EL	4- 116 MESSEN	12220		1- 923 STARKE WW.	41755		9- 883 STARKE WW.
	J 5-2475 HALBLEITER	71540	PT	2-1162 ATOME	52040		11- 800 STARKE WW.
	11-2648 SUPRALEITG.	70530	RW	11-2688 HALBLEITER	71530	T	9- 654 KERN-MESSG.
JE	1-2266 SUPRALEITG.	70530	S	11-1899 FLUESSIGK.	58527		4- 960 STARKE WW.
SC	5- 333 HYDRODYNAM.	23040	CUNSOLO B	2- 565 OPT.INSTRUM	28595	CZYZEWSKY O	12-2044 FLUESSIGK.
	10- 588 MASER,LASER	28050	YJ	10-2960 SONNENPHYS.	93320	CBETU T	
CROWE KW	5-2944 PHOTOLEITG.	72530		12-3164 DUENNE SCHI	74010		
CROWLEY CR	1- 472 ELEKTRIZIT.	26060	CUOMO JJ	2-2757 LUFTHUELLE	90860		
CROWLEY A	4-1563 MOLEKUELE	52547	CURCIO JA	9-2767 LUFTHUELLE	90850		
	2- 256 HYDRODYNAM.	23020		9-2011 THERMEIG.FK	67520	DAAL YAM HJ	1-2307 HALBLEITER
	4- 419 HYDRODYNAM.	23050	CURD HN	5- 520 HF-TECHNIK	27540		8-2575 OPT.EIG.FK
PA	7-1209 KERNREAKTIO	43064	CURIE C	6-1770 DISP.SYST.	59510	DAANE AH	11-2260 THERMEIG.FK
	7-1210 KERNREAKTIO	43064		5-2491 HALBLEITER	71560	DABOUL J	8- 989 STARKE WW.
	11-1309 KERNREAKTIO	43064	D	5-2679 OPT.EIG.FK	73625		8-1009 STARKE WW.
CROWN JC	12- 454 HYDRODYNAM.	23060		12-3132 OPT.EIG.FK	73640	DABROVSKII Y	9- 901 KERNSTRUKT.
CROWNFIELD JR. F.R.			CURIEN H	3-2116 MAGN.EIG.FK	69040	DABROWSKI G	8- 490 ELEKTRIZIT.
	12-1813 PLASMA	57085		8-2460 FK-SPEKTREN	73315	J	11- 975 KERNSTRUKT.
CROWTHER P	12-2010 FLUESSIGK.	58550	CURL JR. HC	1-2691 ERDKORPER	90260		12-1156 KERNSTRUKT.
PA	5-1962 FK-SPEKTREN	73320	RF	2-1225 MOLEKUELE	52513	DACHILLE F	2-1848 MECH.EIG.FK
PP	3-2850 ASTROPHYSIK	93020		11-1543 MOLEKUELE	52536		7-2103 THERMEIG.FK
	11-3457 KOSH-PHYSIK	94560	CURNUTT RM	4-2363 HALBLEITER	71566	DADASHEV LA	6- 99 QUANTENTHEO
RA	10-1960 KRISTALLE	65572	DR	3- 463 HF-TECHNIK	27540	DADDI L	10-1054 KERNPEKTR.
CROZIER MH	4-2428 FK-SPEKTREN	73320	DG	10- 306 FELDTHEORIE	18030	DADO S	3- 158 QUANTENTHEO
CROZON M	5- 972 STARKE WW.	41764	GD	1- 638 OPT.INSTRUM	28550	DADSON RS	3- 88 VAKUUM
CRUCEANU E	3-1978 THERMEIG.FK	67520	IG	3- 317 HYDRODYNAM.	23050	DAENLER M	2-1456 PLASMA
CRUCKSHANK D.W.J.			RB	3- 71 LABORTECHN.	12530		3-1431 PLASMA
	9-1817 KRISTALLE	65584	RG	5-2914 PLANETEN	93640		12-3424 PLANETEN
	10-1513 MOLEKUELE	52514		7-2882 PLANETEN	93650	DAENNICKE WW	1-1243 KERNREAKTIO
CRUMEYROLLE A	3- 409 ELEKTRODYN.	26530		10-2949 MAGNETOSPH.	91280		7-1217 KERNREAKTIO
	5- 256 FELDTHEORIE	18040	WM	11-3238 GEOMAGNET.	90460	DAEL VAN W	1-1769 FLUESSIGK.
CRUMMETT W	10- 636 OPT.INSTRUM	28530		12-1337 KERNREAKTIO	43044		11-1864 GASE
CRUMP RA	10-1870 FLUESSIGK.	58562	CURRY RH	7-2411 FK-SPEKTREN	73315	DAENDLIKER R	3- 519 MASER,LASER
CRUMP III JC	8-2051 MECH.EIG.FK	66545	AR	1-1706 GASENTLADG.	57850		3- 520 MASER,LASER
CRUMPTON D	5- 770 KERN-MESSG.	40484	CURTIS CW	3-2185 LEITFHGK.FK	70010	DAENE H	3-2858 SONNENPHYS.
	6-1058 KERNREAKTIO	43046	AW	1-1918 MLCH.EIG.FK	66514	DAENGUY H	8- 329 FELDTHEORIE
CRUSE DW	7- 735 KERN-MESSG.	40503	GH	4- 550 TELCH.OPT.	27016	DAETWYLER JJ	10-1053 KERNSTRUKT.
CRUVELLIER P	6-2857 ASTROPHYSIK	93020	GW	10-3037 STERNE	94020	DAGAN S	5- 880 STARKE WW.
	11-3422 KOSH-PHYSIK	94510	MR	10- 816 BESCHLEUNIG	41040		7- 979 STARKE WW.
CRUZ A	6- 818 STARKE WW.	41764	TH	8-1197 KERNREAKTIO	43036		12-1126 STARKE WW.
CRUZ DE LA F	6-2417 HALBLEITER	71520	OL	8-2016 KRIST.FEHL.	66076	DAGG IR	4-1807 FLUESSIGK.
ME	6-2417 HALBLEITER	71520	CURTIS JR. OL	2-1308 MOLEKUELE	52575	DAGKESAMANSKY R.D.	8-2992 KOSH-PHYSIK
V	5- 260 FELDTHEORIE	18042	CF	7- 237 STATISTIK	17540		1- 955 STARKE WW.
CRYSTAL RG	3-1313 POLYMERE	53542		11- 206 STATISTIK	17540	DAGLIANA MG	10- 982 STARKE WW.
CSAKVARY F	12- 572 HF-TECHNIK	27540	CURZIO G	10-1233 KERNREAKTIO	43046		11- 827 STARKE WW.
CSANADY GT	3-2715 ERDKORPER	90260	AE	10-2061 KRIST.FEHL.	66065	DAGRAGNANO VL	7- 765 KERN-MESSG.
	7-2745 LUFTHUELLE	90840	LC	2-1145 ATOME	52010	DAGUENET M	3- 306 HYDRODYNAM.
CSASZAR ML	4-1498 MOLEKUELE	52524	CUSACK NE	6-1698 FLUESSIGK.	58550		5- 341 HYDRODYNAM.
CSAVINSZKY P	2-2381 HALBLEITER	71566		10-1378 KERNSTRHLG.	44030	DAH NIE FAN	6-1429 PLASMA
	9-1160 ATOME	52010	CUSANO DA	2-2547 OPT.EIG.FK	73635	DAHAKA SL	5-2633
CSER L	2-2135 MAGN.EIG.FK	69060	JT	3- 795 STARKE WW.	41720	DAHANAYAKE C	3- 814 STARKE WW.
	2-2136 MAGN.EIG.FK	69060		3- 826 STARKE WW.	41753	DAHL JP	5-2318 LEITFHGK.FK
CSERNATONY DE L.				5- 47 UNTERRICHT	12025		12-1462 ATOME
	4- 171 VAKUUM	13030	CUSSLER EL	4-1575 POLYMERE	53542		9- 813 STARKE WW.
	6- 80 VAKUUM	13030		11- 275 HYDRODYNAM.	23015		12-1000 STARKE WW.
CSIKO F	4- 265 QU.FELDTHEO	17060	CUSSON RY	8-1069 KERNSTRUKT.	42020	PF	12-1001 STARKE WW.
	12-1114 STARKE WW.	41764		12-1176 KERNSTRUKT.	42075	RE	8-1057 KERNSTRUKT.
CSILLAG L	9- 535 MASER,LASER	28055	CUSUMANO C	7-2513 FK-SPEKTREN	73380		12-1225 KERNPEKTR.
	10- 595 MASER,LASER	28055	J	2- 353 THERMODYN.	24530	DAHLBERG DA	6-1320 MOLEKUELE
CSIZMADIA IG	4-1463 MOLEKUELE	52516	CUTHBERT J	6-1221 MOLEKUELE	52580	DAHLBOURG U	1-1734 FLUESSIGK.
	12-1597 MOLEKUELE	52514		9-1245 ATOME	52090	DAHLER JS	3-1500 GASE
CSONKA P	10- 855 ELEMENTART.	41563	JD	9-2390 FK-SPEKTREN	73325		7-1656 GASE
PL	1- 174 QUANTENTHEO	16556		11-2856 FK-SPEKTREN	73325	DAHLGREN S	2- 959 KERNSPEKTR.
	1- 822 ELEMENTART.	41-63	CUTHILL JR	8-2457 FK-SPEKTREN	73310	JA	12-3251 GRENZFL.FK
	3- 710 BESCHLEUNIG	41020		12-1860 FK-SPEKTREN	73310	WL	7-2492 FK-SPEKTREN
	5- 870 STARKE WW.	41710	CUTHRELL RE	1-1522 POLYMERE	53542	AJ	11-2574 LEITFHGK.FK
	9- 179 QU.FELDTHEO	17015	CUTHOSKY RE	5- 185 QUANTENTHEO	16582	HD	4- 249 QUANTENTHEO
	11- 153 QU.FELDTHEO	17015		1- 946 STARKE WW.	41755		7- 188 QU.FELDTHEO
CSURGAY A	3- 465 HF-TECHNIK	27540	CUTLER M	1-1811 KRISTALLE	65530	DAHMS H	8-1799 FLUESSIGK.
CUCKA P	6-2044 MECH.EIG.FK	66540	PH	4-2645 GRENZFL.FK	74573	JW	4-1622 PLASMA
CUCULEANU V	5- 728 KERN-MESSG.	40403		5-2777 GRENZFL.FK	74560		7-1303 PLASMA
CUDABACK DD	7-2935 KOSH-PHYSIK	94510	CUTTS D	7- 851 ELEMENTART.	41546	DAICH AR	6-2605 OPT.EIG.FK
CUE N	3- 410 KERNSPEKTR.	42020		11- 709 ELEMENTART.	41546	B	6- 82 VAKUUM
	7-1218 KERNREAKTIO	43066	CUYPERS M	12-1434 KERNREAKTIO	43046	G	6-2859 ASTROPHYSIK
	7- 925 STARKE WW.	41730	CUZOCREA P	4-1222 KERNREAKTIO	43046	AL	10- 441 WAERME
CUEER P	4-1024 STARKE WW.	41783		7-1179 KERNREAKTIO	43046	BP	11-1505 MOLEKUELE
	11- 430 STARKE WW.	41790		11-1220 KERNREAKTIO	43040	M	2-1816 KRIST.FEHL.
CUEVAS M	7-2351 HALBLEITER	71566	CVETANOVIC RJ	12-1689 MOLEKUELE	52575		1- 583 MASER,LASER
	7-2352 HALBLEITER	71566	GVJANOVICH GB	4- 890 ELEMENTART.	41546		
CUFF KF	1-1194 LEITFHGK.FK	70028	YBIRSKY A	2-2317 HALBLEITER	71520		
			YKOWSKI CB	10-1846 FLUESSIGK.	58443		

DAINTREE - DASPET

REE EJ	6-2977 KOSM.PHYSIK	94565	DAMJANOVIC A	8-1804 FLUESSIGK.	58568	DANILOV OB	12- 642 MASER,LASER	28055
H PB	12-3474 KOSM.PHYSIK	94550	DAMLE PS	9- 215 STATISTIK	17535	DANILOVA NL	11-2794 PHOTOLEITG.	72510
O LG	1-1303 KERNSTRHLG.	44010		9-1631 FLUESSIGK.	58520		NP 10- 122 VAKUUM	13025
VSKII IV	10-1338 K-REAKTOREN	43515	DAMM CC	4-2068 DIELEKTRIKA	68000		11-3178 GRENZFL.FK	74535
	5- 810 ELEMENTART.	41546		2-1459 PLASMA	57270		VI 6-1280 MOLEKUELE	52516
	8- 938 STARKE WW.	41710		FL 8-1660 PLASMA	57202	DANILYAN GV	10-1524 MOLEKUELE	52516
	10- 226 STARKE WW.	41735		JZ 6-2030 MECH.EIG.FK	66518	DANISHEVSKII S.K.	9- 951 KERNSPEKTR.	42545
	2-2325 HALBLEITER	71520		7-1958 KRIST.FEHL.	66070		1- 415 WAERME	24026
	7-2444 HALBLEITER	71550	DAMM JR. R	9- 703 BESCHLEUNIG.	41020	DANLAU C	6- 750 STARKE WW.	41710
	9-2262 HALBLEITER	71505	EP 11-1935 FLUESSIGK.	58560	DANON F	2- 349 THERMODYN.	24520	
SKI TW	6-1572 GASENTLADG.	57870	DAMMANN H	8-1604 PLASMA	57050	J 5-1893 FK-SPEKTREN	73310	
M FW	2-1089 KERNREAKTIO	43092	DAMODAR PAI M	3-2446 HALBLEITER	71590	DANOS M	1-1183 KERNREAKTIO	43028
VAN PA	9-1233 ATOME	52070	DAMON DH	2-1730 KRIST.FEHL.	66015		4-1055 KERNSTRUKT.	42070
	2-2149 MAGN.EIG.FK	69060	DAMOUR PL	8-1497 GASE	58060		5-1117 KERNREAKTIO	43020
	2-2278 SUPRALEITG.	70530	DAMYANOV DB	11- 606 KERN-MESSG.	40592		11- 990 KERNSTRUKT.	42070
	6-2224 MAGN.EIG.FK	69020		11- 607 KERN-MESSG.	40592	DANOVA VS	10-1516 MOLEKUELE	52514
	6-2225 MAGN.EIG.FK	69020	DANAN H	10-2289 MAGN.EIG.FK	69040	DANOY JP	2-2469 FK-SPEKTREN	73325
	6-2226 MAGN.EIG.FK	69020		11-2329 MAGN.EIG.FK	69015		5-2536 PHOTOLEITG.	72510
DOORT GJ	3-1158 ATOME	52045	DANBY CJ	8- 521 TEILCH.OPT.	27010		1-1787 FLUESSIGK.	58562
JR. HO.	4-1820 FLUESSIGK.	58568		8-1494 MOLEKUELE	52585	DANSAS P	4-2499 OPT.EIG.FK	73605
S A	5-1191 K-REAKTOREN	43510		9- 658 KERN-MESSG.	40532		10-1872 FLUESSIGK.	58562
RRNO A	1-2709 GEOMAGNET.	90470	GT 9- 700 BESCHLEUNIG	41020			10-2210 DIELEKTRIKA	68020
	4-1353 ATOME	52024		9- 701 BESCHLEUNIG	41020		12-2462 DIELEKTRIKA	68010
	4-1533 MOLEKUELE	52580	DANCE DF	12-1694 MOLEKUELE	52580	DANTZLER EM	9-1599 GASE	58010
	5-1325 ATOME	52065		JB 5- 723 KERN-MESSG.	40505	DANYACH L	11-2897 FK-SPEKTREN	73340
	6-1232 ATOME	52065	WE 3-1115 KERNSTRHLG.	44035	DANYLUK HT	12- 404 ELASTIZIT.	22530	
	6-2842 IONOSPHERE	91095	DANCHENKO V	12-2306 KRIST.FEHL.	66065	DANYSZ JA	1- 836 STARKE WW.	41700
	7-2824 ASTROPHYSIK	93000	DANCKWERTS J	3-2240 LEITFHGK.FK	70056		7- 941 STARKE WW.	41745
	7-2861 PLANETEN	93610	DANCY DJ	11-1800 PLASMA	57260	DAO FT	3- 936 KERNSPEKTR.	42545
	9-1222 ATOME	52065	DANDEKAR BS	11-3281 LUFTHUELLE	90890		7-1076 KERNSPEKTR.	42545
	9-1375 MOLEKUELE	52575	DP 12-2333 MECH.EIG.FK	66514	DAR A	11- 876 STARKE WW.	41760	
	10-1384 ATOME	52010	DANDL RA	1-1692 PLASMA	57266	DARBARI GS	6-1689 FLUESSIGK.	58543
	10-1397 ATOME	52010	C 3- 821 STARKE WW.	41745		12-2404 GITTERDYN.	67060	
	10-2921 IONOSPHERE	91020	DANDLAU C	4- 969 STARKE WW.	41745	DARBY MI	5-2223 MAGN.EIG.FK	69020
	11-1529 MOLEKUELE	52520	DANELYAN LS	10-1237 KERNREAKTIO	43046		11-2478 MAGN.EIG.FK	69060
	12-1491 MOLEKUELE	52585	DANEY DE	6-1766 FLUESSIGK.	58550	W 3-1710 KRISTALLE	65588	
CHIK FI	12-3345 IONOSPHERE	91020	DANFORD MD	4-1759 FLUESSIGK.	58520	DARBY JR. JB	3-1647 KRISTALLE	65545
WA AL	7-1146 KERNREAKTIO	43000		8-1730 FLUESSIGK.	58520		9-2000 THERMEIG.FK	67510
ZZ R	11-2831 FK-SPEKTREN	73315	DANFORTH D	5- 725 KERN-MESSG.	40503	DARCEY W	6- 999 KERNSPEKTR.	42570
	8-1055 STARKE WW.	41790	WE 3-2661 GRENZFL.FK	74520	DARCY L	11-2435 MAGN.EIG.FK	69090	
	9- 886 STARKE WW.	41790	DANG GD	12-1178 KERNSTRUKT.	42075	DARDEL VON G	6- 841 STARKE WW.	41773
RH 3- 832	STARKE WW.	41753		12-1179 KERNSTRUKT.	42075	DARDEN SE	4-1255 KERNREAKTIO	43062
ROV OD	1-1176 KERNREAKTIO	43012	DANG VAN N	2-2110 MAGN.EIG.FK	69040		4-1256 KERNREAKTIO	43062
	10- 925 STARKE WW.	41735	DANGELO N	1-1587 PLASMA	57050		5- 53 UNTERRICHT	12040
	11- 815 STARKE WW.	41735		1-1609 PLASMA	57055	DARDO M	7-1174 KERNREAKTIO	43044
	11- 816 STARKE WW.	41735		3-1449 PLASMA	57250		3-2777 KOSM.STRLG.	90646
	11- 830 STARKE WW.	41735		12-1765 PLASMA	57050		4-2711 KOSM.STRLG.	90640
PORTA N	2-2883 KOSM.PHYSIK	94560	DANGOR V	10-1054 KERNSPEKTR.	42500	DARE DP	7- 940 STARKE WW.	41740
	3-2899 STERNE	94040	AE 5-1655 PLASMA	57260	DAREWYCH G	5-1009 KERNSTRUKT.	42040	
	5-2976 KOSM.PHYSIK	94583		12- 131 LABORTECHN.	12570		7-1016 KERNSTRUKT.	42040
MORE PJ	7-1195 KERNREAKTIO	43054	DANGVU H	1- 284 FELDTHEORIE	18050	GW 8- 277 QU.FELDTHEO	17050	
MAN DP	7- 991 STARKE WW.	41775	DANIEL AC	1-2047 FK-SPEKTREN	73370	DARINSKAYA EV	3-1805 KRIST.FEHL.	66035
	11- 809 STARKE WW.	41730		4-2094 FK-SPEKTREN	73370	DARLING AS	8-2353 METAL.LEITG	71000
ULIO A	6-2190 FK-SPEKTREN	73355		10-2662 FK-SPEKTREN	73370	DARMODJO S	12-1162 KERNSTRUKT.	42060
IS 7- 482	TEILCH.OPT.	27058	E 5-2315 LEITFHGK.FK	70022	DARNELL AJ	9-2021 THERMEIG.FK	67550	
PJ 9-3024	HOEREN	96310		10-2409 LEITFHGK.FK	70076	FJ 5-2279 MAGN.EIG.FK	69060	
EB 8- 896	ELEMENTART.	41574	ES 11-1777 PLASMA	57235	DARONIAN D	4-1087 KERNSTRUKT.	42535	
	KERNSPEKTR.	42540	EV 8-1692 GASENTLADG.	57840		P 3- 854 STARKE WW.	41764	
AS J 12- 805	KERN-MESSG.	40522		8-1701 GASENTLADG.	57870		10-1004 STARKE WW.	41783
	PHYS.OPTIK	29045	H 11-1836 GASENTLADG.	57870	DAROTSI S	10-1130 KERNSTRUKT.	42555	
	2-2623 DUENNE SCHI	74060		3- 811 STARKE WW.	41735	DARRIGO G	11-1915 FLUESSIGK.	58543
ASSO J 6-2686	DUENNE SCHI	74060		5-1008 KERNSTRUKT.	42030	DARRIULAT P	7-1190 KERNREAKTIO	43052
	KERNSPEKTR.	42550		6- 879 KERNSTRUKT.	42030	DARTEMARE E	12-2291 KRIST.FEHL.	66060
AZ P 5-1103	KERNSPEKTR.	42570		6- 916 KERNSPEKTR.	42540	DARVOID TI	1-2498 FK-SPEKTREN	73330
	STARKE WW.	41764		10-1401 ATOME	52022	DARWISH DAE	3-1046 KERNREAKTIO	43054
	3- 734 ELEMENTART.	41543		10-1402 ATOME	52022	A 8- 327 FELDTHEORIE	18050	
	STARKE WW.	41760		11- 596 KERN-MESSG.	40532	AC 2-1391 PLASMA	57070	
MPLE GB 6-554	KERN-MESSG.	40512	M 11-1415 ATOME	52022	AK 10-2875 KOSM.STRLG.	90640		
EBUIT E 7-2701	GEOMAGNET.	90430	MR 8-1551 PLASMA	57010		11-2603 SUPRALEITG.	70510	
JV 6-1834	KRISTALLE	65560		10-2153 GITTERDYN.	67060	D 10-2296 MAGN.EIG.FK	69040	
MYN R 12-2209	KRIST.FEHL.	66060		12-2574 MAGN.EIG.FK	69060	B 7-1385 MOLEKUELE	52512	
EN BJ 11- 282	HYDRODYNAM.	23020	RR 2-2836 SONNENPHYS.	93340	J 8-1359 ATOME		52070	
DF 3-1780	KRIST.FEHL.	66030		3-2748 KOSM.STRLG.	90630	JN 4-1396 ATOME		52070
JC 11- 408	HF-TECHNIK	27530		9-2743 KOSM.STRLG.	90630		8- 935 STARKE WW.	41710
L 1-2699	GEOMAGNET.	90430		12-3466 KOSM.PHYSIK	94530	KB 7- 93 VAKUUM		13010
NR 1- 747	KERN-MESSG.	40570	DANIELMEYER HG	2-1906 GITTERDYN.	67060	NC 7-2709 GEOMAGNET.		90460
	KERN-MESSG.	40570		4-1747 GASE	58030		8-2148 DIELEKTRIKA	68050
	KERN-MESSG.	40570	DANIELS GM	12-3156 DUENNE SCHI	74010	P 9-2296 HALBLEITER		71540
	KERN-MESSG.	40570	J 5-1035 KERNSPEKTR.	42525		SR 10-2896 LUFTHUELLE		90850
	ATOME	52070	JM 2- 946 KERNSPEKTR.	42545	T 3- 829 STARKE WW.		41753	
P 6- 526	PHYS.OPTIK	29060	WB 2-1861 MECH.EIG.FK	66553		4- 885 ELEMENTART.		41546
	HF-TECHNIK	27530		7-2024 MECH.EIG.FK	66553		4-1002 STARKE WW.	41764
PJ 2- 982	KERNSPEKTR.	42565		10-2122 MECH.EIG.FK	66553		5- 970 STARKE WW.	41764
	KERNREAKTIO	43008	WR 2- 996 KERNSPEKTR.	42575		TP 2-1627 KRISTALLE		65530
	KERNREAKTIO	43075		7-1140 KERNSPEKTR.	42575		7-1881 KRIST.FEHL.	66025
	KERNSPEKTR.	42570	DANIELSON GC	1-2246 LEITFHGK.FK	70074		9-2515 FK-SPEKTREN	73010
	LABORTECHN.	12570		2-1824 MECH.EIG.FK	66514		11-1393 ATOME	52010
LAN M 5-2996	STRAHL.BIOL	97010		2-1921 THERMEIG.FK	67510		11-2540 LEITFHGK.FK	70024
NY H 2-2624	DUENNE SCHI	74060		2-1929 THERMEIG.FK	67520	DASANNACHARYA B.A.	4-1318 KERNSTRHLG.	44010
	PHYS.OPTIK	29060		2-2413 THERMOELEKT	72010		4-1756 FLUESSIGK.	58520
	OPT.EIG.FK	73605		5-1932 KRISTALLE	65588	DASARO LA	5- 566 MASER,LASER	28050
N 2-2451	FK-SPEKTREN	73300		9-2007 THERMEIG.FK	67520	DASCALU D	1- 531 HF-TECHNIK	27540
	FK-SPEKTREN	73320		2-2818 ASTROPHYSIK	93000		3- 419 TEILCH.OPT.	27054
	FK-SPEKTREN	73330	DANIELSSON LR	7-2869 PLANETEN	93620		5- 466 ELEKTRIZIT.	26060
	ATOME	52085		1-1084 KERNSPEKTR.	42550	DASCOLA G	6-2190 FK-SPEKTREN	73355
SK AC 11-2143	KRIST.FEHL.	66065	DANIERE J	7-1095 KERNSPEKTR.	42550		5-1541 PLASMA	57033
BKE P 8- 431	AKUSTIK	23550		7-1130 KERNSPEKTR.	42565	DASGUPTA B	12-1471 ATOME	52010
URO RJ 8-1355	ATOME	52070		10-1113 KERNSPEKTR.	42550		5- 7489 POLYMERE	53535
LINCOURT J.J.	4-1722 GASENTLADG.	57810		10-1114 KERNSPEKTR.	42550	DASH JB	10-2540 FK-SPEKTREN	73310
	6- 440 OPT.INSTRUM	28513	DANILCHENKO VE	7- 82 LABORTECHN.	12530		10-2809 GRENZFL.FK	74535
N TC 10-2604	FK-SPEKTREN	73340	DANILCHUK LN	9-1880 KRIST.FEHL.	66035		12-2391 GITTERDYN.	67020
	FK-SPEKTREN	73340	DANILENKO MY	9- 511 MASER,LASER	28045		12-2853 FK-SPEKTREN	73310
RAU W 11-3473	BIOPHYSIK	96040	DANILEVICH FM	4- 344 MECHANIK	22032		2- 848 STARKE WW.	41755
RELL CJS	2- 785 STARKE WW.	41725		11- 527 OPT.INSTRUM	28580		7- 934 STARKE WW.	41740
	9- 805 STARKE WW.	41725	DANILIN YA	4-2788 IONOSPHERE	91072		3-1768 KRIST.FEHL.	66025
RD G 8-2741	KOSM.STRLG.	90646	DANILKIN N	9-2801 GEOMAGNET.	90440	DASHEN R	3- 197 QU.FELDTHEO	17010
ARD J 11-1017	KERNSPEKTR.	42515	DANILOV AA	2-2724 GEOMAGNET.	90440	RF 9- 839 STARKE WW.	41750	
AN K 12- 566	HF-TECHNIK	27540		2-2850 PLANETEN	93650		9- 841 STARKE WW.	41750
ANI A 2-1331	POLYMERE	53535	AD 3-2822 IONOSPHERE	91020			11- 33 BUECHER	11020
	5- 429 THERMODYN.	24220	KD 4- 164 VAKUUM	13025		DASHEVSKAYA EI	1-1423 ATOME	52065
	5-1914 KRISTALLE	65580	OB 1- 592 MASER,LASER	28055		DASHEVSKII LN	5- 452 THERMODYN.	24556
AND VV 3-1667	TEILCH.OPT.	27040		5- 584 MASER,LASER	28045	DASPET D	1-1892 KRIST.FEHL.	66076
CO JN 1- 102	VAKUUM	13030		11-1666 PLASMA	57020			

DASPET - DEAN

DASPET	D	5-1997	KRIST.FEHL.	66065	DAVIES	DB	2-1557	FLUESSIGK.	58540	DAVIS JR.	L	5-2872	MAGNETOSPH.	
DASS	GV	6- 757	STARKE WW.	41725		DK	6- 438	OPT.-INSTRUM	28513		R	7-2823	MAGNETOSPH.	
		12-1031	STARKE WW.	41730		DR	9-1406	POLYMERE	53535	DAVISON	L	11-3374	SONNENPHYS.	
	N	9-1979	GITTERDYN.	67060		EB	10- 137	QUANTENTHED	16513		L	8- 358	ELASTIZIT.	
		12-3217	GRNZFL.FK	74500		EJ	4-2249	LEITFHGK.FK	70056		SG	9-1722	FLUESSIGK.	
DASTIDAR	TJR	12-1930	GASE	58025		ER	10-2670	FK-SPEKTREN	73375			2-2658	GRNZFL.FK	
DAT	J	1- 380	HYDRODYNAM.	23060		GA	5-1770	FLUESSIGK.	58540			5-2355	LEITFHGK.FK	
	RVH	1-2237	HALBLEITER	71530		GH	6- 774	STARKE WW.	41730			6-2299	LEITFHGK.FK	
DATARS	WR	1-2099	FK-SPEKTREN	73365		JA	1-1872	KRIST.FEHL.	66025		WD	8-2294	LEITFHGK.FK	
		3-2192	LEITFHGK.FK	70022			2-1747	KRIST.FEHL.	66025			6-1232	ATOME	
		6- 330	ELEKTRIZIT.	26030			4-1323	KERNSTRHLG.	44030			10-1445	ATOME	
		8-2519	FK-SPEKTREN	73355			6-2692	DUENNE SCHI	74095			11-1602	MOLEKUELE	
		12-2731	METAL.LEITG	71010			7-2346	HALBLEITER	71560	DAVISSON	CM	10- 810	BESCHLEUNIG	
DATE	M	1-2087	FK-SPEKTREN	73355			8-1976	KRIST.FEHL.	66060		JW	5-1913	KRISTALLE	
		1-2096	FK-SPEKTREN	73360			9-1849	KRIST.FEHL.	66025	DAVOINE	F	2- 61	VAKUUM	
		4-2134	FK-SPEKTREN	73360			11-1382	KERNSTRHLG.	44030			4- 278	MECHANIK	
		6-2235	MAGN.EIG.FK	69025			11-2068	KRIST.FEHL.	66010			7- 827	BESCHLEUNIG	
		9-2503	FK-SPEKTREN	73360		JB	2- 441	HF-TECHNIK	27530			10-2777	DUENNE SCHI	
		10-2642	FK-SPEKTREN	73360			4- 568	HF-TECHNIK	27530			11-2244	THERMEIG.FK	
		12-3024	FK-SPEKTREN	73360			7-1675	FLUESSIGK.	58500			11-3194	GRNZFL.FK	
	SK	2-1656	FK-SPEKTREN	73310			9- 718	BESCHLEUNIG	41030	DAVOUST	K	4-2773	IONOSPHERE	
DATLOV	J	10-1657	PLASMA	57023		JD	11- 916	STARKE WW.	41783	DAVYDOV	AB	11-2701	HALBLEITER	
DATSENKO	LI	4-1936	KRIST.FEHL.	66035			12-1005	STARKE WW.	41725		AS	2-2447	OPT.EIG.FK	
		7-1830	KRISTALLE	65572		JG	9-2989	KOSM.PHYSIK	94550			6-2319	LEITFHGK.FK	
		7-1928	KRIST.FEHL.	66035			12-3474	KOSM.PHYSIK	94550			9- 928	KERNSPKTR.	
DATTA	AN	2-2505	OPT.EIG.FK	73610		K	7-2796	IONOSPHERE	91072			9-2052	DIELEKTRIKA	
	G	1-2011	DIELEKTRIKA	68010		KE	11- 534	KERN-MESSG.	40527			10-2382	LEITFHGK.FK	
	K	7- 901	STARKE WW.	41720			12-1285	KERNSPKTR.	42570		AV	12-1291	KERNSPKTR.	
		8-1026	STARKE WW.	41762			12-1286	KERNSPKTR.	42570		GV	12-2167	KRISTALLE	
		9- 876	STARKE WW.	41773		KTR	11- 950	KERNSTRUKT.	42020			12-2168	KRISTALLE	
		10- 898	STARKE WW.	41725		MH	6-1403	PLASMA	57010			12-2169	KRISTALLE	
	P	12-2078	FLUESSIGK.	58576		PG	5-1622	PLASMA	57203		VS	12- 685	OPT.INSTRUM	
	RN	11-3326	IONOSPHERE	91060		PM	10-2455	METAL.LEITG	71095		VV	12-1398	KERNREAKTIO	
	SK	10-2324	MAGN.EIG.FK	69065		PT	3- 673	KERN-MESSG.	40518	DAVYDOVA	TA	5-1569	PLASMA	
DATZ	S	3-1824	KERNSTRHLG.	44030			3-1699	KRISTALLE	65560	DAVYDOVSKY	VY	11- 381	ELEKTRODYN.	
		8-1978	KRIST.FEHL.	66060		PW	12-2356	MECH.EIG.FK	66545			EL	12-1571	ATOME
DATZEFF	AB	10-1906	KRISTALLE	65500		RD	1-2812	PLANETEN	93640			B	4-1851	KRISTALLE
DAUBER	PH	3- 809	STARKE WW.	41730			10-1639	PLASMA	57010			DG	5-1779	FLUESSIGK.
DAUDE	A	1-2630	DUENNE SCHI	74060			11-3420	KOSM.PHYSIK	94510			DK	4-2379	HALBLEITER
		4-2595	DUENNE SCHI	74060		RH	2- 359	THERMODYN.	24533		EF	10-1730	PLASMA	
DAUDIN	A	3- 854	STARKE WW.	41764		RL	9-1994	THERMEIG.FK	67510		GA	11-3295	LUFTHUELLE	
		10-1004	STARKE WW.	41783		RW	5-2378	LEITFHGK.FK	70060		HI	9-1840	KRIST.FEHL.	
		11- 797	STARKE WW.	41725			5-2380	LEITFHGK.FK	70072		HR	7-1333	ATOME	
DAUGBIGNE	YM	6- 539	PHYS.OPTIK	29083		WEA	10- 221	QUANTENTHED	16578		JF	4- 547	TEILCH.OPT.	
DAUGERAS	B	10- 904	STARKE WW.	41725	DAVIS	BW	11- 353	THERMODYN.	24536			6-1236	ATOME	
DAUGHERTY	GR	5-2030	MECH.EIG.FK	66516		DG	6- 767	STARKE WW.	41725		JM	4-1601	PLASMA	
	JD	8- 812	BESCHLEUNIG	41010		DH	2- 891	STARKE WW.	41790			8-1586	PLASMA	
DAUM	C	11-1009	KERNSPKTR.	42500			8-1051	STARKE WW.	41790		JP	2- 601	PHYS.OPTIK	
DAUNE	M	8-1520	POLYMERE	53535			8-1053	STARKE WW.	41790		JW	6- 983	KERNSPKTR.	
DAUPHINEE	TH	2-1932	THERMEIG.FK	67520			10-1011	STARKE WW.	41790		N	10-1087	KERNSPKTR.	
		10- 85	MESSEN	12240			11- 929	STARKE WW.	41790		PH	7-1710	FLUESSIGK.	
DAURIA	G	4- 720	PHYS.OPTIK	29020		EA	7-2419	FK-SPEKTREN	73325			9- 88	VAKUUM	
	JM	12-1391	KERNREAKTIO	43080			8-1863	KRISTALLE	65545			9- 90	VAKUUM	
	R	4- 930	STARKE WW.	41710			10-2518	PHOTOLEITG.	72510			9- 91	VAKUUM	
DAURY	B	11-1577	MOLEKUELE	52570			12-2671	LEITFHGK.FK	70060		PT	11-3167	GRNZFL.FK	
DAUTCOURT	G	8- 323	FELDTHEORIE	18040		FJ	8-1580	PLASMA	57030		WK	10-1283	KERNREAKTIO	
		10-3113	KOSM.PHYSIK	94565		FN	5-2766	GRNZFL.FK	74535			11-1146	KERNSPKTR.	
DAUTOV	GY	9-1552	PLASMA	57250		H	10- 913	STARKE WW.	41730			11-1306	KERNREAKTIO	
		9-1553	PLASMA	57250			11-3481	HOEREN	96310		WR	12-2877	FK-SPEKTREN	
DAUTREPPE	D	9-1869	KRIST.FEHL.	66035		HB	7- 315	HYDRODYNAM.	23015	DAWYDOW	AS	5- 31	BUEDER	
DAUVERGNE	JP	11-1813	PLASMA	57295		HL	4-2214	LEITFHGK.FK	70024		BD	1- 980	KERNSTRUKT.	
DAUVILLIER	A	3-2718	GEOMAGNET.	90430			11-2538	LEITFHGK.FK	70024			7-1011	KERNSTRUKT.	
		3-2926	BIOPHYSIK	96000		HT	3-1499	GASE	58025		CR	10-2111	MECH.EIG.FK	
		6-2886	PLANETEN	93610			3-1536	FLUESSIGK.	58520		DH	5-1224	KERNSTRHLG.	
DAVE	JV	4-2721	LUFTHUELLE	90815			8-1722	FLUESSIGK.	58530		JL	5- 908	STARKE WW.	
		10-2898	LUFTHUELLE	90850			11-1921	FLUESSIGK.	58546			12-1042	STARKE WW.	
DAVEY	A	6- 256	HYDRODYNAM.	23030			11-1924	FLUESSIGK.	58550		MC	7-1750	FLUESSIGK.	
		11- 310	HYDRODYNAM.	23050		IC	5-2237	MAGN.EIG.FK	69025		MG	12-2203	KRISTALLE	
		12- 421	HYDRODYNAM.	23020		J	3- 408	ELEKTRODYN.	26530		P	10-2490	HALBLEITER	
	JE	10-2767	DUENNE SCHI	74020			3-1153	ATOME	52045		RB	6- 593	KERN-MESSG.	
DAVID	G	12-3160	DUENNE SCHI	74010			3-1154	ATOME	52045		RE	2-2668	GRNZFL.FK	
		1-1849	KRISTALLE	65574			8- 724	PHYS.OPTIK	29045		TB	4- 883	ELEMENTART.	
		7-1836	KRISTALLE	65574			9-1206	ATOME	52045			6- 691	ELEMENTART.	
	JG	10-2145	GITTERDYN.	70040			9-2829	ASTROPHYSIK	93020		WR	5-1632	PLASMA	
	JP	10-1644	PLASMA	57010			9-2923	STERNE	94020	DAYAL	B	3-1990	THERMEIG.FK	
	P	4-1273	KERNREAKTIO	43075			10-1423	ATOME	52045			6-2107	THERMEIG.FK	
		11-1322	KERNREAKTIO	43075		JA	5-1197	K-REAKTOREN	43515			7-2078	THERMEIG.FK	
DAVID JR.	CD	9-1533	PLASMA	57206			8-1255	K-REAKTOREN	43515			7-2089	THERMEIG.FK	
DAVIDENKO	NI	6- 59	LABORTECHN.	12530			9-1113	K-REAKTOREN	43515	DAYAN	E	5-1794	FLUESSIGK.	
DAVIDONIS	RI	11-1120	KERNSPKTR.	42560			9-1931	MECH.EIG.FK	66540			9-1337	MOLEKUELE	
DAVIDOV	D	12-2127	KRISTALLE	65545		JL	2- 249	HYDRODYNAM.	23000	DAYBELL	M	3-2542	OPT.EIG.FK	
DAVIDOVITS	P	2-1274	MOLEKUELE	52524			5-2453	HALBLEITER	71520		MD	5-2439	METAL.LEITG	
DAVIDS	CN	9-1079	KERNREAKTIO	43080			7- 910	STARKE WW.	41725			7-2296	METAL.LEITG	
	N	10- 430	WAERME	24040		KE	9-2611	OPT.EIG.FK	73650			10-2228	MAGN.EIG.FK	
DAVIDSE	PD	3-2598	DUENNE SCHI	74010		LA	2-1551	FLUESSIGK.	58540			10-2510	THERMOELEKT	
DAVIDSON	DE	12-1703	POLYMERE	53540		LC	2-1824	MECH.EIG.FK	66514			11-2087	KRIST.FEHL.	
	ER	3-1203	MOLEKUELE	52512			6-2302	LEITFHGK.FK	70038	DAYKIN	DE	4- 204	QUANTENTHED	
		3-1204	MOLEKUELE	52512			11-2751	HALBLEITER	71570	DAYTON	B	9- 864	STARKE WW.	
		5-1361	MOLEKUELE	52512		LE	5-2786	GRNZFL.FK	74573		IE	6-1320	MOLEKUELE	
		11-1494	MOLEKUELE	52512		LW	1- 542	MASER,LASER	28030	DE	M	8- 663	OPT.INSTRUM	
	F	5- 575	MASER,LASER	28055		MH	3- 330	HYDRODYNAM.	23070			8- 689	PHYS.OPTIK	
		8- 684	OPT.INSTRUM	28595		MJ	7-2786	IONOSPHERE	91050			10-2036	KRIST.FEHL.	
	JL	2-1774	KRIST.FEHL.	66035		R	12-1126	STARKE WW.	41775		UK	11- 540	PHYS.OPTIK	
		8-1957	KRIST.FEHL.	66035			4- 424	HYDRODYNAM.	23050		A	10- 319	FELDTHEORIE	
	K	9-2932	STERNE	94000			8- 392	HYDRODYNAM.	23050	DE SHALIT		4- 44	TAGUNGEN	
	MG	4-1065	KERNSTRUKT.	42075		REP	7- 979	STARKE WW.	41764	DEACETIS	LA	11- 40	UNTERRICHT	
		4-1163	KERNSPKTR.	42575			10- 990	STARKE WW.	41770	DEAL	BE	10-2775	DUENNE SCHI	
		10- 941	STARKE WW.	41750		RH	3-1084	KERNREAKTIO	43080	DEAM	AP	3-2800	LUFTHUELLE	
	MJ	11-3233	GEOMAGNET.	90440			3-1085	KERNREAKTIO	43080	DEAN	NW	4- 244	QUANTENTHED	
	R	11-1674	PLASMA	57026			5-1317	ATOME	52065			7- 179	QUANTENTHED	
	RC	1-1559	PLASMA	57035			6- 628	BESCHLEUNIG	41010			10- 971	STARKE WW.	
		2- 181	STATISTIK	17523			11-1325	KERNREAKTIO	43080		P	12-2397	GITTERDYN.	
		6-1479	PLASMA	57060		SH	10- 371	HYDRODYNAM.	23020			12-2904	FK-SPEKTREN	
	W	5-2955	KOSM.PHYSIK	94550			12- 414	HYDRODYNAM.	23020		PJ	1-1958	GITTERDYN.	
		6- 205	FELDTHEORIE	18010		SP	12-1520	ATOME	52040			1-2464	FK-SPEKTREN	
	WF	4-1160	KERNSPKTR.											

PJ	11-3011	OPT.EIG.FK	73625	DEGRAS	DA	8-2690	GRENZFL.FK	74535	DELHAES	P	1-2155	MAGN.EIG.FK	69065
RH	4-2083	FK-SPEKTREN	73345	DEGRIECK	W	4-2396	PHOTOLEITO.	72510			5-2203	FK-SPEKTREN	73355
GELIS	7-1445	MOLEKUELE	52556	DEGROIS	M	7-351	HYDRODYNAM.	23070	DELHAYE	JM	2-272	HYDRODYNAM.	23020
BA	12-2909	FK-SPEKTREN	73330			9-350	AKUSTIK	23530			9-278	HYDRODYNAM.	23010
SR	2-715	ELEMENTART.	41546	DEGROOT	JS	11-1676	PLASMA	57030	DELHERY	GP	9-482	MASER,LASER	28000
	5-834	ELEMENTART.	41574	DEGTAREBA	OF	8-1667	ATOME	52020	DELISLE	C	3-617	PHYS.OPTIK	29030
BORN	9-866	STARKE WW.	41764	DEGTAREV	LM	5-1564	PLASMA	57050	DELITALA	M	5-2330	LEITFHGK.FK	70024
EF	3-2593	OPT.EIG.FK	73625			12-829	KERN-MESSG.	40540	DELL	GF	5-1184	KERNREAKTIO	43092
	5-2672	OPT.EIG.FK	73625	DEGUCHI	Y	2-1579	FLUESSIGK.	58560			7-1245	KERNREAKTIO	43092
	6-2596	OPT.EIG.FK	73620	DEHELEAU	D	3-552	OPT.INSTRUM	28510	DELLA NEGRA	M	4-969	STARKE WW.	41745
DORFF	8-2586	OPT.EIG.FK	73620	DEHL	RE	11-1649	POLYMERE	53560			6-750	STARKE WW.	41710
JW	3-299	HYDRODYNAM.	23020	DEHLINGER	U	11-2170	MECH.EIG.FK	66516	DELLA SELVA	A	12-1018	STARKE WW.	41725
	7-401	WAERME	24060			12-2341	MECH.EIG.FK	66516			12-1025	STARKE WW.	41725
NALEY	4-1325	KERNSTRHLG.	40320	DEHM	G	8-968	STARKE WW.	41730	DELLEPIANE	G	4-1437	MOLEKUELE	52510
	4-1878	KRISTALLE	65570	DEHMELT	HG	8-1446	MOLEKUELE	52547	DELLIT	L	11-1465	ATOME	52075
	5-2717	DUENNE SCHI	74040			12-1514	ATOME	52035	DELLOUE	J	2-2798	IONOSPHERE	91070
	6-593	KERN-MESSG.	40540			12-1642	MOLEKUELE	52547			2-2805	IONOSPHERE	91072
	7-1937	KRIST.FEHL.	66060	DEHNE	HC	3-863	STARKE WW.	41767			2-2806	IONOSPHERE	91072
HERAGE	11-2132	KRIST.FEHL.	66065			11-845	STARKE WW.	41740			2-2807	IONOSPHERE	91076
BH	8-3028	HOEREN	96310	DEHNEN	H	3-264	FELDTHEORIE	18040			4-57	TABUNGEN	10570
ON	12-2693	SUPRALEITG.	70540			7-2830	Sonnenphys.	93300	DELMAS	M	9-1571	PLASMA	57276
BC	9-2315	HALBLEITER	71566	DEHNHARD	D	3-1008	KERNREAKTIO	43012	DELMER	TN	4-2865	KOSM.PHYSIK	94520
S	1-450	THERMODYN.	24552			4-1260	KERNREAKTIO	43064	DELMUSGROVE	AR	7-1010	KERNSTRUKT.	42020
SK	3-1492	GASE	58020			4-1264	KERNREAKTIO	43064	DELOACH	AC	9-1133	KERNSTRHLG.	44010
	3-1503	GASE	58025			8-1224	KERNREAKTIO	43064	DELOBEAU	F	9-1571	PLASMA	57276
	9-2401	FK-SPEKTREN	73325	DEHOUST	O	11-1307	KERNREAKTIO	43064	DELOCHE	R	11-1656	PLASMA	57010
	10-1783	GASE	58025			2-1339	POLYMERE	53544	DELOFF	A	3-786	STARKE WW.	41720
	12-1925	GASE	58025			2-1340	POLYMERE	53544			11-839	STARKE WW.	41740
ISIEUX	3-861	STARKE WW.	41767	DEICHSEL	H	4-1419	ATOME	52070	DELONE	GA	11-1474	ATOME	52075
	5-894	STARKE WW.	41730	DEIGEN	MF	1-2082	FK-SPEKTREN	73355		NB	11-1474	ATOME	52075
	5-896	STARKE WW.	41730			7-2464	FK-SPEKTREN	73355	DELONG	A	9-458	TEILCH.OPT.	27030
	6-835	STARKE WW.	41770			8-1867	KRISTALLE	65545	DELORD	JF	5-2662	OPT.EIG.FK	73645
	6-836	STARKE WW.	41770			8-2510	FK-SPEKTREN	73350	DELOREY	JR	12-2329	MECH.EIG.FK	66512
	11-793	STARKE WW.	41725			8-2529	FK-SPEKTREN	73355	DELOREY	P	10-640	OPT.INSTRUM	28540
	6-193	STATISTIK	17540			8-2562	FK-SPEKTREN	73375	DELOS	JB	7-155	QUANTENTHEO	16533
RAU	2-2486	FK-SPEKTREN	73330			9-2497	FK-SPEKTREN	73355	DELOUPY	C	5-2552	FK-SPEKTREN	73325
BAUVAIS	2-655	KERN-MESSG.	40548			11-2988	FK-SPEKTREN	73375			7-2450	FK-SPEKTREN	73330
M	10-1274	KERNREAKTIO	43058			12-2636	LEITFHGK.FK	70028	DELPECH	JF	2-496	MASER,LASER	28055
NEDETTI	9-2373	FK-SPEKTREN	73310	DEINET	W	12-3002	FK-SPEKTREN	73355			4-639	MASER,LASER	28055
S	10-2531	FK-SPEKTREN	73310	DEINZER	W	6-817	STARKE WW.	41764			4-1701	PLASMA	57023
C	3-1019	KERNREAKTIO	43024	DEIS	DW	7-2904	STERNE	94050	DELPLACE	AM	9-2950	STERNE	94050
K	2-1030	KERNREAKTIO	43044	DEISSLER	RG	12-2705	SUPRALEITG.	70530	DELSANTO	PP	3-928	KERNSPKTR.	42545
	7-1000	KERNSTRUKT.	42010	DEITSCH	AK	8-1793	FLUESSIGK.	58562	DELSART	C	2-2550	FK-SPEKTREN	73325
	8-1140	KERNSPKTR.	42555	DEJARDIN	G	2-1806	KRIST.FEHL.	66076	DELTOUR	J	3-2575	OPT.EIG.FK	73640
YER	1-254	FELDTHEORIE	18010	DEJKE	A	8-1335	ATOME	52047			5-2064	GITTERDYN.	67010
ESSE	1-1903	KRIST.FEHL.	66065			12-1904	GASENTLADG.	57870			9-2154	MAGN.EIG.FK	69065
ER	10-109	LABORTECHN.	12570	DEJONGHE	P	8-1275	K-REAKTOREN	43560			9-2433	FK-SPEKTREN	73330
DOIS	5-2256	MAGN.EIG.FK	69035	DEKA	BC	1-346	HYDRODYNAM.	23020	DELUCA	JC	2-2589	DUENNE SCHI	74020
UNNER	11-3253	KOSM.STRLG.	90633	GC		4-1031	STARKE WW.	41790	DELVES	LM	2-1143	ATOME	52010
P	10-1160	KERNSPKTR.	42570			8-766	KERN-MESSG.	40525			11-1498	MOLEKUELE	52512
P	1-1796	FLUESSIGK.	58573			8-806	KERN-MESSG.	40582			12-1492	ATOME	52010
	10-1609	POLYMERE	53525			8-766	KERN-MESSG.	40525			2-1617	KRISTALLE	65510
ILLIOT	12-583	HF-TECHNIK	27560	DEKEYSER	R	3-1326	PLASMA	57015	DELYAGIN	NN	8-1850	KRISTALLE	65540
MPS	5-2593	FK-SPEKTREN	73330			10-2346	LEITFHGK.FK	70010	DELYUNOV	NF	4-344	MECHANIK	22032
CCO	4-2143	MAGN.EIG.FK	69020	DEKHTYAR	IJ	2-1864	MECH.EIG.FK	66556	DEMAISON	J	6-1278	MOLEKUELE	52516
OUS	4-1435	MOLEKUELE	52510			10-2365	LEITFHGK.FK	70024	DEMARCUS	WC	10-2974	PLANETEN	93610
N	3-908	KERNSPKTR.	42515			7-1821	FK-SPEKTREN	73310	DEMARTA	AJ	1-545	MASER,LASER	28030
US	6-1288	MOLEKUELE	52536	IY		9-2085	MAGN.EIG.FK	69010			3-1940	GITTERDYN.	67060
D	3-663	KERN-MESSG.	40512			9-2172	LEITFHGK.FK	70024			10-564	MASER,LASER	28040
DL	4-1992	MECH.EIG.FK	66550			9-2341	THERMOELEKT	72010			10-565	MASER,LASER	28040
	11-48	LABORTECHN.	12515	DEKKER	AJ	12-2369	MECH.EIG.FK	66553	DEMARQUE	P	6-2926	STERNE	94040
G	2-1455	PLASMA	57260			1-1833	FK-SPEKTREN	73310			7-2859	Sonnenphys.	93340
JF	12-1815	PLASMA	57085	DEKKERS	D	6-1139	KERNSTRHLG.	44010			8-2828	ASTROPHYSIK	93000
WR	1-2283	SUPRALEITG.	70520	DEKOCK	CW	12-2879	FK-SPEKTREN	73325			9-2930	STERNE	94030
ER BARTKY	10-1902	DISP.SYST.	59540	DEKSNS	A	8-2637	DUENNE SCHI	74010	DEMARTINI	F	7-2512	FK-SPEKTREN	73380
JA	9-1572	PLASMA	57279	DELACHE	P	11-3402	STERNE	94025	DEMAU	C	11-1936	FLUESSIGK.	58562
JM	4-1535	PLASMA	57010			12-3398	Sonnenphys.	93328	DEMBINSKI	ST	2-2088	MAGN.EIG.FK	69030
B	1-1410	ATOME	52075	DELAAY	L	9-1799	KRISTALLE	65574	DEMCO	D	3-2030	FK-SPEKTREN	73370
	5-1278	ATOME	52035			11-2055	KRISTALLE	65588			7-2461	FK-SPEKTREN	73350
	10-1483	ATOME	52075			11-2111	KRIST.FEHL.	66035			8-211	QUANTENTHEO	16560
	11-1473	ATOME	52075	DELAHAYE	P	9-1703	FLUESSIGK.	58565	DEMEESTER	GB	9-864	STARKE WW.	41762
WINCK	1-1313	KERNSTRHLG.	44010	DELANDE	C	1-351	HYDRODYNAM.	23030		GD	6-2773	KOSM.STRLG.	90610
G	2-667	KERN-MESSG.	40584	DELAMARRE	Y	2-376	ELEKTIRIZIT.	26010	DEMEKHIN	VF	1-1402	ATOME	52040
	12-880	KERN-MESSG.	40584	DELANEA	JA	3-1642	KRISTALLE	65545			1-1846	KRISTALLE	65572
	12-1363	KERNREAKTIO	43060	DELANEY	CF	7-2573	OPT.EIG.FK	73670			1-1862	KRISTALLE	65584
WSKI	9-902	KERNSTRUKT.	42060			2-1957	DIELEKTRIKA	68000	DEMENITZKAYA	R.M.	4-2679	GEOMAGNET.	90430
VOISSETTE	10-1232	KERNREAKTIO	43046			5-464	ELEKTIRIZIT.	26050	DEMENTOV	NM	10-1914	KRISTALLE	65518
M	3-1437	PLASMA	57093			1-854	STARKE WW.	41725	DEMENTEV	VA	12-781	KERN-MESSG.	40512
	9-1518	PLASMA	57090	DELANG	W	3-985	KERNSPKTR.	42570		YS	7-1797	KRISTALLE	65518
	10-1656	PLASMA	57023	DELANGE	OE	11-508	OPT.INSTRUM	28550	DEMENTII	OI	4-1631	PLASMA	57045
RICHS	7-2525	OPT.EIG.FK	73605	DELANO	E	7-632	OPT.INSTRUM	28540		SV	6-605	KERN-MESSG.	40570
VI	10-2432	SUPRALEITG.	70520	DELAPELME	A	4-2167	MAGN.EIG.FK	69040	DEMETER	LJ	12-1894	GASENTLADG.	57840
JS	3-486	MASER,LASER	28030			6-1861	KRISTALLE	65588	DEMETRESCU	C	10-1547	MOLEKUELE	52538
WE	7-445	ELEKTRODYN.	26520	DELAPLACE	J	1-2425	THERMOELEKT	72010	DEMETRIADES	ST	7-1522	PLASMA	57040
RA	7-2206	LEITFHGK.FK	70024			5-1993	KRIST.FEHL.	66065	DEMEYER	A	10-1154	KERNSPKTR.	42565
SHATULU	2-71	MATH.PHYSIK	16020			10-2049	KRIST.FEHL.	66062			10-1306	KERNREAKTIO	43080
BL	3-2142	MAGN.EIG.FK	69050	DELARUOTTE	G	5-361	AKUSTIK	23530			12-1452	KERNSTRHLG.	44030
ADAS	6-2106	THERMEIG.FK	67510	DELAUNAY	J	1-1063	KERNSPKTR.	42545	DEMICHILIS	C	3-1456	PLASMA	57256
	3-1642	KRISTALLE	65545			7-1220	KERNREAKTIO	43068			11-1779	PLASMA	57256
FA	12-126	LABORTECHN.	12560			10-1106	KERNSPKTR.	42550			4-1106	KERNSPKTR.	42550
RA	11-3502	STRAHL.BIOL	97010			10-1259	KERNREAKTIO	43054			10-1606	MOLEKUELE	52590
B	4-1297	KERNREAKTIO	43062			10-1260	KERNREAKTIO	43054	DEMIDENKO	AF	10-2177	THERMEIG.FK	67510
BYRE	5-371	AKUSTIK	23570			10-1261	KERNREAKTIO	43054		II	1-1654	PLASMA	57075
A	7-359	AKUSTIK	23520			11-1937	FLUESSIGK.	58562		ZA	2-2521	OPT.EIG.FK	73610
	10-688	PHYS.OPTIK	29030	DELBOS	G	1-906	STARKE WW.	41753	DEMIDOV	AM	9-1032	KERNREAKTIO	43040
YSHCHIKOV	10-1723	PLASMA	57093	DELBOROUGH	R	2-111	QUANTENTHEO	16556		BA	7-1521	PLASMA	57033
	6-338	ELEKTIRIZIT.	26060			2-866	STARKE WW.	41760		VV	6-632	BESCHLEUNIG	41010
CIS	5-63	MESSEN	12250			4-241	QUANTENTHEO	16592		WS	8-1036	STARKE WW.	41764
LIPPI	4-1947	KRIST.FEHL.	66065			7-142	QUANTENTHEO	16516		YP	10-589	MASER,LASER	28050
JW	11-3079	DUENNE SCHI	740										

DEMNY	J	4-1928	KRIST.FEHL.	66035	DEREM	A	6-775	STARKE WW.	41730	DESORBO	W	6-2280	MAGN.EIG.FK	61	
DEMORE	WB	7-1466	MOLEKUELE	52575			12-1069	STARKE WW.	41753	DESORMIERE	B	3-2106	MAGN.EIG.FK	61	
DEMORTIER	B	12-1363	KERNREAKTIO	43060	DEREMER	RJ	4-949	STARKE WW.	41735	DESOTO	S	7-718	PHYS.OPTIK	21	
DEMPESEY	CW	4-2043	THERMEIG.FK	67510	DERENZO	SE	7-793	KERN-MESSG.	40555	DESPAGNAT	B	3-747	ELEMENTART.	4	
DEMROEDER	W	10-1597	MOLEKUELE	52585			9-745	ELEMENTART.	41546	DESPER	CR	5-1512	POLYMERE	53	
DEMUNARI	GM	3-425	TEILCH.OPT.	27068	DEREVYANCHENKO	A.S.	8-1899	KRISTALLE	65582			7-1490	POLYMERE	53	
DEMUSYAK	AG	7-24	BIOGRAPHIEN	10240			12-2099	KRISTALLE	65510	DESPLANQUES	P	10-1633	POLYMERE	53	
DEMUTSKII	VP	11-2576	LEITFHGK.FK	70056	DEREZA	LI	2-1375	PLASMA	57055			6-1749	FLUESSIGK.	51	
DEMUYNCK	J	1-1105	KERNSPEKTR.	42555	DERFLER	H	6-1505	PLASMA	57085	DESQUAND	M	4-2648	GRENZFL.FK	71	
		1-1112	KERNSPEKTR.	42560			7-1572	PLASMA	57085	DESRE	P	5-1773	FLUESSIGK.	51	
		4-1104	KERNSPEKTR.	42550			7-1573	PLASMA	57085	DESS	HM	11-2992	FK-SPEKTREN	71	
		8-1152	KERNSPEKTR.	42560						DESSAUX	O	5-1443	MOLEKUELE	51	
		9-971	KERNSPEKTR.	42560	DERGARABEDIAN	P.	9-285	HYDRODYNAM.	23020			12-3152	OPT.EIG.FK	71	
		10-1138	KERNSPEKTR.	42560			3-473	HF-TECHNIK	27560	DESSLER	AJ	3-2884	PLANETEN	91	
		11-1109	KERNSPEKTR.	42560	DERING	JC	12-582	HF-TECHNIK	27560			7-2761	LUFTHUELLE	91	
DEMYANENKO	GK	4-848	BESCHLEUNIG	41020			1-1729	FLUESSIGK.	58520			7-2818	MAGNETOSPH.	91	
		8-820	BESCHLEUNIG	41020	DERJAGUIN	B	8-2676	GRENZFL.FK	74530	DESSUS	B	1-588	MASER,LASER	21	
DEMYANOV	EA	12-2099	KRISTALLE	65510	DERKACHEVA	LD	3-509	MASER,LASER	28045	DESTAEBLER	H	8-912	ELEMENTART.	4	
	VV	9-2060	DIELEKTRIKA	68030	DERKSEN	WL	4-134	LABORTECHN.	12525	DESSAUX	MPE	10-2010	MECH.EIG.FK	61	
DEMYANOV	TA	11-400	TEILCH.OPT.	27068	DERKSE	JR	1-136	QUANTENTHEO	16516	DESIGNES	F	4-2810	ASTROPHYSIK	91	
DENARIEZ	M	5-2621	FK-SPEKTREN	73380	DEROULEDE	A	3-2573	OPT.EIG.FK	73640	DETAINT	M	12-878	KERN-MESSG.	4	
DENAVIT	J	12-1818	PLASMA	57085	DEROY	H	3-577	OPT.INSTRUM	28553	DETEMPLE	TA	5-1969	KRIST.FEHL.	61	
DENDA	S	3-1842	KRIST.FEHL.	66065	DERR	JS	8-2906	PLANETEN	93640	DETENBECK	RW	3-522	MASER,LASER	21	
		3-1843	KRIST.FEHL.	66065			12-337	FELDTHEORIE	18020			10-594	MASER,LASER	21	
DENENSTEIN	A	4-506	ELEKTTRIZIT.	26000	DERRICK	GH	3-697	KERN-MESSG.	40555	DETERDING	JH	3-673	KERN-MESSG.	4	
		11-2574	LEITFHGK.FK	70056			5-462		11535	DETERMANN	H	2-625	PHYS.OPTIK	21	
DENES	LJ	1-1243	KERNREAKTIO	43064			7-979	STARKE WW.	41764	DETET	K	10-2287	MAGN.EIG.FK	61	
DENEY	CL	7-2721	KOSM.STRLG.	90630			9-798	STARKE WW.	41700	DETKOV	SP	2-587	PHYS.OPTIK	21	
		9-648	KERN-MESSG.	40518			10-990	STARKE WW.	41770			7-426	THERMODYN.	21	
DENGA	EM	10-2813	GRENZFL.FK	74540	DERRIEN	H	10-1010	STARKE WW.	41790	DETOEUF	JF	1-861	STARKE WW.	4	
DENHAM	P	4-2398	PHOTOLEITG.	72510			10-1241	KERNREAKTIO	43048			12-1002	STARKE WW.	4	
DENHARTOG	J	1-1872	KRIST.FEHL.	66025			10-1243	KERNREAKTIO	43048	DETRAZ	C	2-921	KERNSTRUKT.	41	
		7-2346	HALBLEITER	71560			12-2317	KRIST.FEHL.	66070			3-1044	KERNREAKTIO	41	
		8-1976	KRIST.FEHL.	66060	DERSARKISSIAN	M.	1-838	STARKE WW.	41700			10-1250	KERNREAKTIO	41	
DENIAU	R	8-439	WAERME	24020			12-1021	STARKE WW.	41725			11-1190	KERNREAKTIO	41	
DENIELOU	L	10-1805	FLUESSIGK.	58510	DERSKI	W	7-348	HYDRODYNAM.	23070	DETTMANN	K	6-1983	KRIST.FEHL.	61	
DENIKAEV	RZ	6-856	STARKE WW.	41783	DESVSHCHIKOV	V.A.	5-1290	ATOME	52045			6-1984	KRIST.FEHL.	61	
DENIKOV	YA	1-1723	GASE	58040			5-1290	ATOME	52045	DETUERK JR.	JJ	12-157	VAKUUM	11	
DENIS	A	5-1271	ATOME	52040	DERUYTTER	AJ	5-1135	KERNREAKTIO	43042	DEUBNER	FL	5-2895	SONNENPHYS.	91	
		8-1311	ATOME	52020	DERVIZ	TE	7-1424	MOLEKUELE	52536			12-2932	FK-SPEKTREN	71	
	M	10-637	OPT.INSTRUM	28530	DERYABINA	MA	3-16	BIOGRAPHIEN	10220	DEUFLHARD	BI	2-983	KERNSPEKTR.	41	
	VI	6-2445	HALBLEITER	71540	DERYAGIN	BV	3-2620	DUENNE SCHI	74010	DEUTCH	JM	3-379	THERMODYN.	21	
DENIS GAUSSET	L.	11-3382	PLANETEN	93620			6-1592		50025	DEUTCHMAN	PA	10-1187	KERNREAKTIO	41	
DENISON	AB	3-1645	KRISTALLE	65545			8-292	STATISTIK	17523	DEUTSCH	C	3-513	MASER,LASER	21	
		12-2033	FLUESSIGK.	58557			8-411	HYDRODYNAM.	23070			10-744	KERN-MESSG.	4	
	DR	3-100	VAKUUM	13025			8-1831	DISP.SYST.	59540			10-1761	GASENTLADG.	51	
		5-111	VAKUUM	13025	DERYUGIN	IA	2-2063	FK-SPEKTREN	73360			I	3-52	UNTERRICHT.	11
DENISOV	AE	12-1229	KERNSPEKTR.	42545			3-2010	DIELEKTRIKA	68020			JL	10-1862	FLUESSIGK.	51
	EV	6-858	STARKE WW.	41783			4-604	HF-TECHNIK	27560			JP	3-979	KERNSPEKTR.	41
		6-2792	KOSM.STRLG.	90646			7-2510	FK-SPEKTREN	73375				6-677	ELEMENTART.	4
		11-923	STARKE WW.	41783			4-1985	MECH.EIG.FK	66516				7-1044	KERNSPEKTR.	41
	FP	1-1190	KERNREAKTIO	43026	DESAI	CC	3-1534	FLUESSIGK.	58520				10-833	ELEMENTART.	4
		12-1310	KERNREAKTIO	43054			9-1633	FLUESSIGK.	58520			M	7-851	ELEMENTART.	4
	GS	5-1419	MOLEKUELE	52562			SK	1-86	LABORTECHN.	12580		RV	2-1394	PLASMA	51
	MM	8-1294	KERNSTRHLG.	44035			SV	11-1777	PLASMA	57235			7-1528	PLASMA	51
	SP	4-917	ELEMENTART.	41574			UD	12-2306	KRIST.FEHL.	66065			8-1600	PLASMA	51
	SS	3-2692	GRENZFL.FK	74576			YR	2-1418	PLASMA	57023			12-1803	PLASMA	51
	VP	4-807	KERN-MESSG.	40532								TF	1-580	MASER,LASER	21
		4-1200	KERNREAKTIO	43022									3-483	MASER,LASER	21
		11-1203	KERNREAKTIO	43024	DESAINTFUSCIEN	M.	10-1576	PLASMA	57010				3-485	MASER,LASER	21
	YN	11-1714	PLASMA	57050			11-1477	KERNSTRHLG.	44000				9-497	MASER,LASER	21
	YV	4-2506	OPT.EIG.FK	73640	DESALVO	A	10-2053	KRIST.FEHL.	66062				9-525	MASER,LASER	21
	AD	1-2395	HALBLEITER	71566			12-3167	DUENNE SCHI	74010	DEUTSCHBEIN OK			8-589	MASER,LASER	21
		4-2345	HALBLEITER	71540	DESANCTIS	E	11-1214	KERNREAKTIO	43034	DEUTSCHER	U		2-2277	SUPRALEITG.	71
DENISYUK	YN	12-708	OPT.INSTRUM	28570	DESCH	RF	11-423	HF-TECHNIK	27540				2-2278	SUPRALEITG.	71
DENIZ	V	8-1256	K-REAKTOREN	43515	DESCHAMPS	A	1-2134	MAGN.EIG.FK	69045				3-2281	SUPRALEITG.	71
DENKS	VP	10-2726	OPT.EIG.FK	73640			3-1463	PLASMA	57270				4-2294	SUPRALEITG.	71
DENNING	A	11-1286	KERNREAKTIO	43060	DESCHANYRES	A	6-1854	KRISTALLE	65584				10-2435	SUPRALEITG.	71
		12-1215	KERNSPEKTR.	42545			7-1857	KRISTALLE	65588	DEUTSCHMAN	WA		4-2821	SONNENPHYS.	91
DENNIS	BR	7-2721	KOSM.STRLG.	90630	DESCOMBES VAILHE	J.	10-1734	PLASMA	57216				1-954	STARKE WW.	4
		9-648	KERN-MESSG.	40518	DESCOUBES	JP	1-1391	ATOME	52030				7-991	STARKE WW.	4
	TR	11-3397	STERNE	94020			1-1411	ATOME	52070	DEVANATHAN	V		11-809	STARKE WW.	4
DENTON	RT	2-629	PHYS.OPTIK	29088			1-266	FELDTHEORIE	18040				1-832	ELEMENTART.	4
		2-2525	OPT.EIG.FK	73605	DESER	S	2-168	QU.FELDTHEO	17025				4-913	ELEMENTART.	4
DENTONI	A	9-1587	GASENTLADG.	78750			2-229	FELDTHEORIE	18060	DEVANEY	AJ	5-641	OPT.INSTRUM	2	
DEO	BB	1-1943	GITTERDYN.	67020			4-324	FELDTHEORIE	18040	DEVANNEY	JA	12-824	KERN-MESSG.	4	
	RG	7-2078	THERMEIG.FK	67510			7-271	FELDTHEORIE	18045	DEVANT	G	4-2552	DUENNE SCHI	7	
DEODHAR	GB	8-1312	ATOME	52022			8-251	QU.FELDTHEO	17010	DEVANY	AS	2-624	PHYS.OPTIK	2	
		9-1174	ATOME	52022			11-233	FELDTHEORIE	18040	DEVARAJ	M	7-1697	FLUESSIGK.	5	
		9-1175	ATOME	52022			12-345	FELDTHEORIE	18040	DEVARE	HG	3-957	KERNSPEKTR.	4	
		12-1498	ATOME	52022	DESEQUELLES	J	2-1293	MOLEKUELE	52575				11-1096	KERNSPEKTR.	4
DEOKAR	VD	12-2859	FK-SPEKTREN	73315			5-1271	ATOME	52040				11-1096	KERNSPEKTR.	4
DEPAQUIT	SA	9-2635	DUENNE SCHI	74040			8-1311	ATOME	52020	DEVAUX	A	6-792	STARKE WW.	4	
DEPATIE	D	1-910	STARKE WW.	41753	DESGARDIN	G	12-1657	MOLEKUELE	52560	DEVEKEY	RC	4-145	LABORTECHN.	1	
		7-85	LABORTECHN.	12570	DESHAEZ	LR	7-1857	KRISTALLE	65588	DEVELEY	G	11-2490	MAGN.EIG.FK	61	
DEPIREUX	J	8-1898	KRISTALLE	65582	DESHAPAND	MB	9-2574	OPT.EIG.FK	73625	DEVELIS	JB	3-44	BUCHER	1	
DEPISCH	F	8-3040	STRAHL.BIOL	97020			9-2809	IONOSPHERE	91060				5-666	PHYS.OPTIK	2
DEPOMMIER	P	3-1099	K-REAKTOREN	43520			2-172	QU.FELDTHEO	17030				8-698	PHYS.OPTIK	2
		5-1027	KERNSPEKTR.	42510			7-900	STARKE WW.	41720	DEVENYI	A	8-2429	THERMOELEKT	7	
		7-857	ELEMENTART.	41546			1-1591	PLASMA	57050				8-2433	PHOTOLEITG.	7
DEPORTES	C	4-2382	HALBLEITER	71585			7-1542	PLASMA	57055			J	2-433	TEILCH.OPT.	2
DEPRAZ	J	5-1139	KERNREAKTIO	43044			9-1470	PLASMA	57050				5-2729	DUENNE SCHI	7
		6-1055	KERNREAKTIO	43044			6-575	KERN-MESSG.	40520	DEVEREUX	OF	1-2053	FK-SPEKTREN	7	
DEPRII	A	9-253	MECHANIK	22010			9-1044	KERNREAKTIO	43054	DEVI	VM	12-2385	GITTERDYN.	6	
DEPUTAT	GG	12-1858	PLASMA	57210			11-2042	KRISTALLE	65584	DEVIEENNE	FM	1-1435	ATOME	5	
DEPUYDT	H	1-1003	KERNSTRUKT.	42070			11-2251	THERMEIG.FK	67530				1-1436	ATOME	5
		12-1205	KERNSPEKTR.	42540			4-123	MESSEN	12240				3-2667	GRENZFL.FK	71
DERA	J	1-2693	ERDKOERPER	90260	DESILVA	AW	5-1358	PLASMA							

			DEVOE - DMITRENKO											
DE	JR	10- 764	KERN-MESSG.	40595	DICUS	DA	11- 703	ELEMENTART.	41546	DIMARZIO	EA	8-1508	POLYMERE	53530
ONS	S	2- 788	STARKE WW.	41725	DIDDENS	AN	1- 877	STARKE WW.	41740	DIMIC	V	6-1971	KRIST.FEHL.	66060
		3- 988	KERNSEKTR.	42570			9- 835	STARKE WW.	41740	DIMITRIJEVIC	B	8-1696	GASENTLADG.	57860
DOGHT	J	10- 837	ELEMENTART.	41546			12-1046	STARKE WW.	41740		Z	3-2116	MAGN.EIG.FK	69040
		1-1279	K-REAKTOREN	43510	DIDENKO	AN	2- 685	BESCHLEUNIG	41040			4-2152	MAGN.EIG.FK	69030
		5-1215	KERNSTRHLG.	44010			10- 824	BESCHLEUNIG	41040			5-2250	MAGN.EIG.FK	69030
OTO	RS	12-1421	K-REAKTOREN	43515	DIDIER	D	2-1065	KERNREAKTIO	43064	DIMITROFF	GZ	8- 4	BIOGRAPHIEN	10215
		8-1581	PLASMA	57030		R	12-2780	HALBLEITER	71530	DIMMOCK	JO	3-2473	FK-SPEKTREN	73325
		10-1665	PLASMA	57030	DIDOMENICO	JR. M.	5-2602	OPT.EIG.FK	73610		JP	7-2572	OPT.EIG.FK	73670
		10-1780	GASE	58020			10-2565	FK-SPEKTREN	73325	DIMOCK	D	10-1667	PLASMA	57033
RIES	RC	5-2256	MAGN.EIG.FK	69035	DIDRY	JR	1- 164	QUANTENTHEO	16530	DIMOV	GI	2- 685	BESCHLEUNIG	41040
ATKOV	AG	5-2660	OPT.EIG.FK	73625	DIDYK	DG	4-2504	OPT.EIG.FK	73670			6- 632	BESCHLEUNIG	41010
ATKOVA	ED	7- 496	HF-TECHNIK	27523		RI	2-1767	KRIST.FEHL.	66030	DIN	GU	12- 889	BESCHLEUNIG	41010
ATOV	AM	4-2053	THERMEIG.FK	67520	DIEBOLD	R	4-2504	OPT.EIG.FK	73670			2-1048	KERNREAKTIO	43054
		10-2375	LEITFHGK.FK	70028			9- 772	ELEMENTART.	41574	DINCAN	J	12-1365	KERNREAKTIO	43064
		8-1559	PLASMA	57010			11- 741	ELEMENTART.	41574			5-1439	MOLEKULE	52524
	GD	7-2618	DUENNE SCHI	74060	DIECKVOSS	W	9-2956	KOSM.PHYSIK	94510			5-1440	MOLEKULE	52524
MMES	RE	2-1336	POLYMERE	53542	DIEDERICH	E	4- 700	PHYS.OPTIK	29000			6-1266	MOLEKULE	52512
		9-2695	GRENZFL.FK	74560	DIEDERIX	F	1-1086	KERNSEKTR.	42550			12-1740	PLASMA	57020
	RL	7- 243	STATISTIK	17563	DIEHL	H	8-2625	OPT.EIG.FK	73655	DINECHIN DE B		9- 549	OPT.INSTRUM	28510
	MAP	11- 635	KERN-MESSG.	40584		J	11-2136	KRIST.FEHL.	66065	DING	A	9-1350	MOLEKULE	52575
Y	DW	8-2912	PLANETEN	93650		P	7-1446	MOLEKULE	52550			9-1351	MOLEKULE	52575
URST	J	5- 844	ELEMENTART.	41576	DIEKE	GH	11-2005	KRISTALLE	65545	DINGEN VON E		12-2279	KRIST.FEHL.	66035
RE	JW	10- 877	ELEMENTART.	41576	DIELS	K	5- 35	BUECHER	11030	DINGENEN VAN W		6-2090	GITTERDYN.	67040
	GA	11- 212	GITTERDYN.	67040	DIEM	HG	6- 308	WAERME	24060	DINGER	RJ	2-2621	DUENNE SCHI	74060
	R	8-1963	KRIST.FEHL.	66035		P	9-2421	FK-SPEKTREN	73330	DINGLE	H	6- 212	FELDTHEORIE	18030
TTT	BS	3- 211	QU.FELDTHEO	17050			9-2422	FK-SPEKTREN	73330			8- 321	FELDTHEORIE	18030
		6- 173	QU.FELDTHEO	17050	DIENES	GJ	4-1913	KRIST.FEHL.	66025		TW	10-1920	KRISTALLE	65530
		6- 174	QU.FELDTHEO	17050			9-1833	KRIST.FEHL.	66010			11-1514	MOLEKULE	52516
	JS	5-2341	LEITFHGK.FK	70028	DIENIENE	M	8-2401	HALBLEITER	71540	DINGUIRARD JP		7-1371	ATOME	52085
	RN	9-2737	GEOMAGNET.	90470	DIENYS	V	8-2401	HALBLEITER	71540			11-1479	ATOME	52085
LF	DA	2- 591	PHYS.OPTIK	29045	DIEP	GB	4- 418	HYDRODYNAM.	23040	DINGWALL	PW	9- 715	BESCHLEUNIG	41030
		12- 732	PHYS.OPTIK	29043	DIEPEN VAN AM		3-2034	FK-SPEKTREN	73370	DINKLAGE	JB	3-1672	KRISTALLE	65572
		12-3327	LUFTHUELLE	90860			3-2043	FK-SPEKTREN	73370	DINSE	KP	10-1560	MOLEKULE	52547
ER	DL	6-2505	FK-SPEKTREN	73300			9-2142	MAGN.EIG.FK	69060	DINTER	H	10-1221	KERNREAKTIO	43044
		9-2361	FK-SPEKTREN	73300	DIEPERINK	AEL	10-2660	FK-SPEKTREN	73370			11-1303	KERNREAKTIO	43064
	BN	11-1566	MOLEKULE	52560	DIEPERS	H	7-1025	KERNSTRUKT.	42070			11-1304	KERNREAKTIO	43064
	SD	6-1385	POLYMERE	53542			9-1891	KRIST.FEHL.	66065	DIONNE	G	2-1773	KRIST.FEHL.	66035
	SK	3-1177	ATOME	52060			9-1892	KRIST.FEHL.	66065		GF	4-2115	FK-SPEKTREN	73355
EKO	AS	8-2199	MAGN.EIG.FK	69050	DIERCKSEN	G	11-2136	KRIST.FEHL.	66065	DIPAULO	FS	9-2682	GRENZFL.FK	74535
UNG	DS	5-1036	KERNSEKTR.	42525	DIERSEN	GH	7-1470	MOLEKULE	52575	DIPIPO	R	4-1743	GASE	58025
EUW	AD	6-2965	KOSM.PHYSIK	94550	DIESSELMAN	HD	5-1252	ATOME	52024			4-1744	GASE	58025
NNBERG	RG	3- 107	VAKUUM	13030	DIESPEROV	VN	8- 383	HYDRODYNAM.	23020	DISCH	RL	8-1808	FLUESSIGK.	58570
RR	GJ	3- 531	MASER,LASER	28055	DIESTEL	HG	10- 404	AKUSTIK	23520	DISCHLER	B	8-1864	KRISTALLE	65545
I	A	8-2513	FK-SPEKTREN	73355	DIESTLER	DJ	5- 169	QUANTENTHEO	16533			11-2070	KRIST.FEHL.	66010
	I	3-2115	MAGN.EIG.FK	69040			12-2014	FLUESSIGK.	58555	DISDER	D	11-1039	KERNSEKTR.	42540
		4-1874	FK-SPEKTREN	73310	DIETERLE	B	11- 896	STARKE WW.	41773	DISHMAN	JM	10-2451	METAL.LEITG	71010
		6-1825	FK-SPEKTREN	73310		BD	11- 895	STARKE WW.	41770	DISSADO	LA	10-2380	LEITFHGK.FK	70053
UJU	MS	2-2742	KOSM.STRLG.	90633	DIETHORN	WS	7-2638	GRENZFL.FK	74555	DISSEL VAN WJJ		10- 96	LABORTECHN.	12530
	J	7- 901	STARKE WW.	41720	DIETRICH	AF	11- 508	OPT.INSTRUM	28550	DISTEFANO E		2-1369	PLASMA	57033
		8-1026	STARKE WW.	41762		FS	6- 914	KERNSEKTR.	42535	DISTENFELD C		6- 552	KERN-MESSG.	40512
	JD	9- 876	STARKE WW.	41773		I	12-1200	KERNSEKTR.	42540	DISTLER	GI	1-1864	KRIST.FEHL.	66025
	MK	4- 644	MASER,LASER	28060			6-2634	DUENNE SCHI	74010			2- 513	OPT.INSTRUM	28526
	P	1-1314	KERNSTRHLG.	44020			8-2329	SUPRALEITG.	70530			3- 416	TEILCH.OPT.	27040
		10-2547	FK-SPEKTREN	73315		K	4-1189	KERNREAKTIO	43012			3-1613	KRISTALLE	65510
RES	GC	8- 342	MECHANIK	22020			6- 88	MATH.PHYSIK	16020			7- 715	PHYS.OPTIK	29063
Q	D	2- 408	TEILCH.OPT.	27010			10-1023	KERNSTRUKT.	42020			7-1794	KRISTALLE	65512
		2- 409	TEILCH.OPT.	27010			12- 267	QUANTENTHEO	16588			9-2059	DIELEKTRIKA	68030
		2- 417	TEILCH.OPT.	27016		OW	4-2140	MAGN.EIG.FK	69010			10-2217	DIELEKTRIKA	68030
		4- 543	TEILCH.OPT.	27010			5-2276	MAGN.EIG.FK	69060	DITA	P	11-2034	KRISTALLE	65578
		12- 544	TEILCH.OPT.	27010			11-2319	MAGN.EIG.FK	69010	DITCHBURN	RW	3- 819	STARKE WW.	41745
	JE	10-2750	DUENNE SCHI	74010		W	4-1558	MOLEKULE	52550	DITINA	ZZ	2-2895	SEHEN	96614
ETIS	D	8- 700	PHYS.OPTIK	29020	DIETRICH	HOW	10-1355	K-REAKTOREN	43520	DITMAN	AV	11-2917	FK-SPEKTREN	73355
ENT	P	8- 286	STATISTIK	17523	DIETZ	DR	11-1866	GASE	58060	DITMAN	HJ	12-2054	FLUESSIGK.	58565
COND	RM	10-1313	KERNREAKTIO	43085		K	2- 153	QU.FELDTHEO	17010	DITTMANN	P	1-2298	HALBLEITER	71530
		12-1294	KERNSEKTR.	42575			7- 800	STARKE WW.	41753		R	3- 854	STARKE WW.	41764
HA	M	7- 685	PHYS.OPTIK	29038			7- 189	QU.FELDTHEO	17010			5-2644	OPT.EIG.FK	73620
DOV	EM	3-2531	FK-SPEKTREN	73335			12- 964	ELEMENTART.	41574	DITTMER	M	10-1628	POLYMERE	53544
	J	3- 863	STARKE WW.	41767		KJ	2-1422	PLASMA	57206	DITTRICH	H	12-2674	THERMEIG.FK	67520
		11- 797	STARKE WW.	41725		LA	4-2647	GRENZFL.FK	74576	DIU	B	4- 221	QUANTENTHEO	16556
		11- 845	STARKE WW.	41740	DIETZE	G	7-2735	LUFTHUELLE	90820			8- 240	QUANTENTHEO	16582
	EA	11-3423	KOSM.PHYSIK	94510			7-2751	LUFTHUELLE	90850	DIVADEENAM H		11- 768	STARKE WW.	41700
Y	EA	8-2960	KOSM.PHYSIK	94510			8-2774	LUFTHUELLE	90860	DIVAKARAN PP		12-1241	KERNSEKTR.	42555
	HP	7-2371	HALBLEITER	71585	DIETZEL	A	7- 313	HYDRODYNAM.	23015			2- 149	QU.FELDTHEO	17010
		12-2242	KRIST.FEHL.	66025	DIETZSCH	O	8-1227	KERNREAKTIO	43064			3- 830	STARKE WW.	41753
	GH	4-2120	FK-SPEKTREN	73355			9- 649	KERN-MESSG.	40518	DIVARI	NB	10- 946	STARKE WW.	41753
LLER	VH	2-1302	MOLEKULE	52585			12-1366	KERNREAKTIO	43064			8-2790	LUFTHUELLE	90895
		8-1496	MOLEKULE	52585	DIEULESAINT E		5- 370	AKUSTIK	23570	DIVARY	NB	8-2913	PLANETEN	93650
		9-1387	MOLEKULE	52585			6-2435	HALBLEITER	71540		AS	3-2802	LUFTHUELLE	90860
	WH	7-1480	MOLEKULE	52585	DIFFINE	A	12-2884	FK-SPEKTREN	73325	DIVATIA		1-1260	KERNREAKTIO	43080
TEL	K	12-2713	SUPRALEITG.	70530	DIGIALONARDO A.		5- 115	VAKUUM	13030			3- 102	VAKUUM	13025
BO	BG	6-2078	GITTERDYN.	67010			6- 549	KERN-MESSG.	40510	DIX	ADB	8-1107	KERNSEKTR.	42540
E	RH	6-2529	FK-SPEKTREN	73330	DIGNAM	MJ	11-2771	HALBLEITER	71585	DIXIT	MN	10-1531	MOLEKULE	52524
		4- 103	UNTERRICHT	12060	DIKOV	UV	7- 367	WAERME	24020		MS	4-1378	ATOME	52050
		7-2835	SONNENPHYS.	93300	DIK VAN	H	4-1800	FLUESSIGK.	58555	DIXMIER	J	10-2200	THERMEIG.FK	67553
EL	JR	3-2866	PLANETEN	93612		W	1- 879	STARKE WW.	41740	DIXON	A	9- 74	LABORTECHN.	12570
		9-2878	PLANETEN	93614	DIJKSTRA	HT	10-1097	KERNSEKTR.	42545		JA	2-1550	FLUESSIGK.	58540
ENS	B	3-1996	THERMEIG.FK	67550	DIKINIS	DV	10- 818	BESCHLEUNIG	41040		JR	5-2582	FK-SPEKTREN	73330
	JK	2-1070	KERNREAKTIO	43066	DIKMAN	N	3- 789	STARKE WW.	41725			8-2484	FK-SPEKTREN	73330
		11-1185	KERNREAKTIO	43012	DIKY	LA	9-2766	LUFTHUELLE	90840			8-2574	OPT.EIG.FK	73605
	K	11-1274	KERNREAKTIO	43056	DILLENBURG D		9- 185	QU.FELDTHEO	17020		M	8-2095	THERMEIG.FK	67510
	PG	10-1262	KERNREAKTIO	43054	DILLEY	J	3- 176	QUANTENTHEO	16578		ME	10-3076	KOSM.PHYSIK	94510
	RJ	2-2643	GRENZFL.FK	74520			8- 232	QUANTENTHEO	16578		RN	3-1247	MOLEKULE	52526
ENSCHIED W		10-2955	ASTROPHYSIK	93030			9- 157	QUANTENTHEO	16575			7-1403	MOLEKULE	52524
LEY	DH	7-1880	KRIST.FEHL.	66025	DILLINO	RL	9-1302	MOLEKULE</						

DMITRENKO	IM	12-2724	SUPRALEITG.	70550	DOERING	JP	3-2728	GEOMAGNET.	90470	DONAHUE	TM	12-3302	GEOMAGNET.	90
	VV	6- 342	ELEKTRIZIT.	26060			9-1382	MOLEKUELE	52580	DONALD	RA	3- 821	STARKE WW.	41
DMITRIEV	AB	6- 558	KERN-MESSG.	40512			12-3302	GEOMAGNET.	90470			10- 981	STARKE WW.	41
	AG	6- 957	KERN-SPEKTR.	42555		W	11-2397	MAGN.-EIG.FK	69035			12- 934	ELEMENTART.	41
	AM	9- 430	ELEKTRIZIT.	26050			11-3112	DUENNE SCHI	74050	DONALDSON	EE	2-2649	GRENZF.L.FK	74
	IS	11-1447	ATOME	52065			12- 74	BUECHER	11010			12-3258	GRENZF.L.FK	74
		12-1519	ATOME	52040	DOERSCHEL	B	12- 831	KERN-MESSG.	40550		IG	6- 244	HYDRODYNAM.	23
	PP	4-1118	KERN-SPEKTR.	42555	DOES DE BYE VAN	DER	6-2609	OPT.-EIG.FK	73650		JS	5-2819	LUFTHUELLE	90
	VD	2- 607	PHYS.-OPTIK	29066			4- 65	BUECHER	11010		MR	5- 519	HF-TECHNIK	27
		11- 333	WAERME	24030	DOETSCH	G	9-1645	FLUESSIGK.	58520	DONATI	S	4- 788	KERN-MESSG.	40
		12- 688	OPT.-INSTRUM	28553	DODONADZE	RR	11-1105	KERN-SPEKTR.	42560	DONATO	E	9-2180	LEITFHGK.FK	70
	VI	4-2800	MAGNETOSPH.	91260	DOHAN	DA	12- 697	OPT.-INSTRUM	28570		RJ	1- 406	AKUSTIK	23
		4-2801	MAGNETOSPH.	91260	DOHERTY	ET	11-3288	LUFTHUELLE	90870	DONCEL	RG	6- 755	STARKE WW.	41
		8-1287	KERNSTRHLG.	44010		LR	11-3305	IONOSPHAERE	91020	DONDE	AL	6- 78	VAKUUM	12
		11-3239	GEOMAGNET.	90460	DOHI	S	2-1837	MECH.-EIG.FK	66545	DONDES	SJ	3-1263	MOLEKUELE	52
	VM	8-2348	SUPRALEITG.	70550	DOHR	G	8-2721	ERDKOERPER	90240	DONHOWE	JM	3-1054	KERNREAKTIO	43
	YY	5- 167	QUANTENTHEO	16530	DOI	H	4-1700	PLASMA	57010	DONIACH	S	4-2141	MAGN.-EIG.FK	65
		8- 201	QUANTENTHEO	16530			6- 607	ATOME	52090			10-2368	LEITFHGK.FK	70
DMITRIEVA	TG	4-1778	FLUESSIGK.	58530		K	8-1488	MOLEKUELE	52575			11-2442	MAGN.-EIG.FK	65
	VI	9-2819	MAGNETOSPH.	91250		T	2- 536	OPT.-INSTRUM	28560	DONIAT	D	7- 88	LABORTECHN.	12
DMITRUK	MV	4- 623	MASER-LASER	28045			5-2421	SUPRALEITG.	70550	DONIKA	FG	11-2048	KRISTALLE	65
		9-2601	OPT.-EIG.FK	73640			11-3296	LUFTHUELLE	90890	DONN	B	7- 689	PHYS.-OPTIK	25
	NL	11- 444	MASER-LASER	28045	DOIG	R	3-2776	KOSM.-STRLG.	90640		WL	8-2769	LUFTHUELLE	90
		3-2442	HALBLEITER	71580	DOKE	T	7-1669	GASE	58060	DONNACHIE	A	1- 860	STARKE WW.	41
		11-2760	HALBLEITER	71570			6- 333	ELEKTRIZIT.	26030			3- 761	ELEMENTART.	41
DNEPROVSKAYA T.S.		10-2733	OPT.-EIG.FK	73645	DOKHNOVSKII	SB	12- 120	LABORTECHN.	12540			4- 914	ELEMENTART.	41
DNEPROVSKII VS		6-2524	FK-SPEKTREN	73325	DOKOPOULOS	P	3-1972	THERMEIG.FK	67510			6- 696	ELEMENTART.	41
DNESTROVSKII Y.M.		1-1634	PLASMA	57085	DOKOUPIL	Z	10-2203	THERMEIG.FK	67556			7- 854	ELEMENTART.	41
		12-1853	PLASMA	57206	DOKUCHAEV	VP	9- 347	AKUSTIK	23520			7- 878	ELEMENTART.	41
DNESTROVSKY YN		5-1569	PLASMA	57266	DOKUCHAYEV	VP	5-1612	PLASMA	57093			7- 879	ELEMENTART.	41
DO	C	8- 361	ELASTIZIT.	22520	DOLAN	KW	5-1026	KERN-SPEKTR.	42510	DONNALLY	B	7- 880	ELEMENTART.	41
DOAN	TP	10-1326	KERNREAKTIO	43092		TR	6-3002	HOEREN	96310		BL	7- 988	STARKE WW.	41
		10-1327	KERNREAKTIO	43092	DOLAPTCHIEV	B	2- 235	MECHANIK	22010			9- 808	STARKE WW.	41
DOANE	JW	11-2955	FK-SPEKTREN	73370	DOLDER	KT	10-1465	ATOME	52070			9- 693	BSCHLEUNIG	41
DOBBERTIN	R	5-1543	PLASMA	57033			10-1472	ATOME	52070			2-1299	ATOME	52
		11-1686	PLASMA	57033	DOLE	M	3-1319	POLYMERE	53550	DONNEAUX	E	1- 763	BESCHLEUNIG	41
DOBBINS	RA	9-1736	DISP.SYST.	59540	DOLEJSI	J	9-2383	FK-SPEKTREN	73320	DONNELLY	DP	9- 664	KERN-MESSG.	41
DOBS	ER	5-2087	GITTERDYN.	67060	DOLEN	R	2- 879	STARKE WW.	41764			10-1111	KERN-SPEKTR.	41
	HE	7- 757	KERN-MESSG.	40518			10- 895	STARKE WW.	41725		IJ	1- 993	KERNSTRUKT.	41
	JM	6- 581	KERN-MESSG.	40522	DOLGINOV	AZ	3-2747	KOSM.-STRLG.	90630			10-1030	KERNSTRUKT.	41
DOBIAS	J	12- 905	BESCHLEUNIG	41040			6-2770	KOSM.-STRLG.	90600		RF	5-2851	IONOSPHAERE	9
DOBICI	F	10-1204	KERNREAKTIO	43024			10- 201	QUANTENTHEO	16550		RJ	1-1741	FLUESSIGK.	5
		11-1204	KERNREAKTIO	43024		SS	10-3028	PLANETEN	93650	DONNER	W	8-1596	PLASMA	5
DOBINSON	RW	3- 860	STARKE WW.	41767	DOLGINOVA	YN	3-2881	PLANETEN	93640	DONNERT	HJ	10-1208	KERNREAKTIO	41
DOBLE	RP	4-1807	FLUESSIGK.	58562	DOLGOBORODOVA	M.A.	6-2871	Sonnenphys.	93324	DONNET	JM	11- 624	KERN-MESSG.	41
DOBOSH	PA	8-1378	MOLEKUELE	52510			5-1092	KERN-SPEKTR.	42565	DONNET	JB	8-2694	GRENZF.L.FK	7
DOBREGO	VP	6-2068	MECH.-EIG.FK	66556	DOLGOLENKO	AG	4- 907	ELEMENTART.	41572	DONNINI	JM	11-2784	PHOTOLEITG.	7
		12-2805	HALBLEITER	71566	DOLGOPOLOV	DG	4-2102	FK-SPEKTREN	73370			11-2792	PHOTOLEITG.	7
DOBRETSOV	LN	12-3195	DUENNE SCHI	74040		VV	9-1549	PLASMA	57250	DONOGHUE	JJ	9-2611	OPT.-EIG.FK	7
	YP	4- 891	ELEMENTART.	41546	DOLGOSLOVA	AV	9-2580	OPT.-EIG.FK	73635	DONOH	PL	5-2173	FK-SPEKTREN	7
DOBRIN	R	11-1390	KERNSTRHLG.	44035	DOLGOSHEIN	BA	8-1815	FLUESSIGK.	58573	DONOHUE	J	12-2972	FK-SPEKTREN	7
DOBROKHOTOVA V.K.					DOLGOV	AD	10- 841	ELEMENTART.	41546			12-2973	FK-SPEKTREN	7
		11-3026	OPT.-EIG.FK	73635			10- 860	ELEMENTART.	41563	DONOHUE	J	3-1472	PLASMA	5
DOBROSAVLEVIC L.		8-2188	MAGN.-EIG.FK	69035	DOLGOVA	EI	2-2780	IONOSPHAERE	91040	DONOHUE	JT	10-1636	PLASMA	5
DOBROSAVLJEVIC L.							6-2833	IONOSPHAERE	91060			5- 156	QUANTENTHEO	1
		2-2263	SUPRALEITG.	70510	DOLIDZE	ND	9-1899	KRIST.FEHL.	66076			7- 989	STARKE WW.	41
		8-2336	SUPRALEITG.	70550	DOLININ	VA	2-1793	KRIST.FEHL.	66062			12-1022	STARKE WW.	41
DOBROTIN	NA	6- 853	STARKE WW.	41783			6-2738	GRENZF.L.FK	74576	DONOVAN	T	8-2049	THERMEIG.FK	6
DOBROTT	D	11-1755	PLASMA	57085	DOLINSKII	EF	11-3210	GRENZF.L.FK	74576		PF	1- 528	HF-TECHNIK	2
DOBOVOLSKII A.F.							11- 537	PHYS.-OPTIK	29010			2-1046	KERNREAKTIO	41
		8-2102	THERMEIG.FK	67520	DOLINSKY	A	4-1659	PLASMA	57070			4- 812	KERN-MESSG.	41
	VN	1-2318	HALBLEITER	71520		EI	10-1174	KERNREAKTIO	43005			11- 942	KERNSTRUKT.	41
		2-2330	HALBLEITER	71520	DOLIQUE	JM	4- 838	BESCHLEUNIG	41010			11-1255	KERNREAKTIO	41
		8-2419	HALBLEITER	71570	DOLL	R	2-2266	SUPRALEITG.	70520		RJ	8-1414	MOLEKUELE	5
DOBRYNIN	SN	3-2434	HALBLEITER	71570			5-2416	SUPRALEITG.	70550	DONSKOI	TM	10-2684	OPT.-EIG.FK	7
DOBRZYNSKI L		3- 821	STARKE WW.	41745	DOLLEY	PE	1-1218	KERNREAKTIO	43052	DONTCHEV	AV	10-1653	PLASMA	5
		11-2315	MAGN.-EIG.FK	69010	DOLLFUS	A	2-2843	PLANETEN	93610	DONTCHIEV	D	10-1616	POLYMERE	5
		12- 934	ELEMENTART.	41546			10-2977	PLANETEN	93610	DONTH	E	5- 431	THERMODYN.	2
DOBSON	DA	6- 933	KERN-SPEKTR.	42540	DOLLING	B	10-2271	MAGN.-EIG.FK	69030			10-1450	ATOME	5
	DC	6-1323	MOLEKUELE	52575			12-2372	GITTERDYN.	67000	DONTSOV	YP	1- 636	OPT.-INSTRUM	2
	GMB	9- 10	BIOGRAPHIEN	10220			12-2389	GITTERDYN.	67020	DONTSOVA	VP	1- 594	MASER-LASER	2
	PS	2-1776	KRIST.FEHL.	66035	DOLLOFF	RT	12-2510	MAGN.-EIG.FK	69010	DONZE	V	9-2463	FK-SPEKTREN	7
		3-1799	KRIST.FEHL.	66035	DOLNICK	C	2- 814	STARKE WW.	41740	DONZEL	A	5-1758	FLUESSIGK.	5
DOBSON JR. PN		12-2274	KRIST.FEHL.	66035	DOLNAC	V	8-2385	HALBLEITER	71530	DOOHER	J	5- 846	ELEMENTART.	41
		3- 836	STARKE WW.	41755	DOLYA	GP	12- 772	KERN-MESSG.	40505			7- 185	QU.FELDTHEO	1
		12-1066	STARKE WW.	41753	DOLYUK	VA	3-1464	PLASMA	57279	DOOLEN	G	9- 171	QUANTENTHEO	1
DOCCHIEPPO KF		5-2932	KOSM.-PHYSIK	94510	DOM	JP	5- 465	ELEKTRIZIT.	26060	DOOLEY	JW	5- 721	KERN-MESSG.	41
		8-2954	KOSM.-PHYSIK	94500	DOMANEVSKII	DS	3-2424	HALBLEITER	71566			7- 356	AKUSTIK	2
DOCLO	R	10-2322	MAGN.-EIG.FK	69065			9-2587	OPT.-EIG.FK	73635	DOOLITTLE	RD	3- 338	AKUSTIK	2
		11-2461	MAGN.-EIG.FK	69060	DOMANIC	F	2-1035	KERNREAKTIO	43046	DOONAN	DD	11- 496	OPT.-INSTRUM	2
		12-2587	MAGN.-EIG.FK	69065	DOMB	C	1-2106	MAGN.-EIG.FK	69020	DOORN VAN	CZ	12-2243	KRIST.FEHL.	6
DODD	CG	3- 672	KERN-MESSG.	40582			2- 190	STATISTIK	17560	DOPLICHER	S	4- 182	QUANTENTHEO	1
		7- 753	KERN-MESSG.	40518			8- 480	THERMODYN.	24536			5- 151	QUANTENTHEO	1
	CV	7- 445	ELEKTRODYN.	26520			10-2248	MAGN.-EIG.FK	69020			5- 193	QU.FELDTHEO	1
	JL	3-2800	LUFTHUELLE	90860			10-2263	MAGN.-EIG.FK	69025			5- 194	QU.FELDTHEO	1
	JN	11-1427	ATOME	52040			12-1706	POLYMERE	53525	DOPORTO	MP	1- 971	STARKE WW.	41
	LR	9- 888	KERNSTRUKT.	42010	DOMBEY	N	5- 831	ELEMENTART.	41572	DORAIWAMY	S	10-1548	MOLEKUELE	5
		11-1186	KERNREAKTIO	43012			6- 717	ELEMENTART.	41572	DORAN	AA	6-1575	GASENTLADG.	5
	RA	9-1825	KRISTALLE	65588			7- 876	ELEMENTART.	41574		DG	7-2012	MECH.-EIG.FK	6
	WP	8- 968	STARKE WW.	41730	DOMINGO	JJ	11- 814	STARKE WW.	41735	DORCIOMAN	DI	5-1061	KERN-SPEKTR.	41
DODE	M	7- 71	LABORTECHN.	12525		V	4- 968	STARKE WW.	41745	DORDA	G	2-2341	HALBLEITER	7
		12-2444	THERMEIG.FK	67550			5- 921	STARKE WW.	41745			6-2656	DUENNE SCHI	7
DODELET	JP	8-1452	MOLEKUELE	52547	DOMINGUEZ	G	4-1166	KERN-SPEKTR.	42575	DORE	BV	2-2678	GRENZF.L.FK	7
DODERO	MA	4-2712	KOSM.-STRLG.	90640		HJ	11-1788	PLASMA	57210	DOREMUS	RH	8-2665	DUENNE SCHI	7
DODO	T	10-1717	PLASMA	57085	DOMINICIS DE C		7- 249	STATISTIK	17563	DORENBUSCH	WE	1-1255	KERNREAKTIO	41
		12-1878	PLASMA	57266			9- 211	STATISTIK	17566			3- 936	KERN-SPEKTR.	41
DODON	G	9-2729	GEOMAGNET.	90440			10- 241	QU.FELDTHEO	17010			3-1082	KERNREAKTIO	41
DODSON														

IKENS M	9- 971	KERNSPEKTR.	42560	DOUSLIN DR	5-1714	GASE	58040	DREES J	12- 900	BESCHLEUNIG	41040		
	10-1138	KERNSPEKTR.	42560	DOUTRIAUX D	3- 934	KERNSPEKTR.	42545	DREESKAMP H	11-1511	MOLEKUELE	52516		
IKENS VANPRAET L.	11-1109	KERNSPEKTR.	42560	DOUZOU P	8-1511	POLYMERE	53530	DREHER JH	5- 360	AKUSTIK	23530		
	1-1105	KERNSPEKTR.	42555	DOVE DB	7-2610	DUENNE SCHI	74050	DREICER H	8-1346	PLASMA	57010		
	1-1112	KERNSPEKTR.	42560	DOVE JR. WG	4- 447	AKUSTIK	23530	DREISS GJ	12-1178	KERNSTRUKT.	42075		
	4-1104	KERNSPEKTR.	42550	DOVER CB	8-1071	KERNSTRUKT.	42020		12-1179	KERNSTRUKT.	42075		
	8-1152	KERNSPEKTR.	42560	DOVERSPIKE LD	4-1527	MOLEKUELE	52575	DREITLEIN J	4- 998	STARKE WW.	41764		
	9- 971	KERNSPEKTR.	42560	DOVGOPOL SP	7-1367	ATOME	52075	DREIZLER H	10-1535	MOLEKUELE	52530		
	10-1138	KERNSPEKTR.	42560	DOVGOSHEI NI	2-2594	DUENNE SCHI	74020		12-1629	MOLEKUELE	52538		
	11-1109	KERNSPEKTR.	42560	DOVIAK RJ	4- 820	KERN-MESSG.	40560	R	11- 951	KERNSTRUKT.	42020		
IVAL M	6- 40	BUECHER	11020	DOVOROVENKO NI	10-1885	FLUESSIGK.	58570	RM	12-1178	KERNSTRUKT.	42075		
MAN IV	3-2745	KOSM.STRLG.	90630	DOVZHAK AS	6-2148	DIESEKTRIKA	68020		12-1179	KERNSTRUKT.	42075		
	3-2755	KOSM.STRLG.	90633	DOW J	4- 717	PHYS. OPTIK	29020	DRELL SD	1- 819	ELEMENTART.	41560		
	2-2740	KOSM.STRLG.	90630		8-2008	KRIST.FEHL.	66073		2- 753	ELEMENTART.	41580		
	2-2747	KOSM.STRLG.	90660	DOWD PA	11- 635	KERN-MESSG.	40584		3- 753	ELEMENTART.	41560		
	3-2745	KOSM.STRLG.	90630		9- 776	ELEMENTART.	41574		3-1138	ATOME	52030		
	3-2755	KOSM.STRLG.	90633	DOWDEN RL	9- 782	ELEMENTART.	41578		4- 270	QU.FELDTHEO	17020		
	3-2756	KOSM.STRLG.	90633		11-3234	GEOMAGNET.	90450		4- 977	STARKE WW.	41753		
	3-2757	KOSM.STRLG.	90633	DOWELL JD	4-1245	KERNREAKTIO	43054		6- 716	ELEMENTART.	41570		
	3-2758	KOSM.STRLG.	90633		11- 916	STARKE WW.	41783		8- 901	ELEMENTART.	41574		
	3-2759	KOSM.STRLG.	90633		12-1005	STARKE WW.	41725		8- 924	STARKE WW.	41700		
	3-2769	KOSM.STRLG.	90636		9- 776	ELEMENTART.	41574		9- 789	ELEMENTART.	41586		
	3-2772	KOSM.STRLG.	90636		10-1590	MOLEKUELE	52580	DREMIN AN	12-1044	STARKE WW.	41740		
	3-2773	KOSM.STRLG.	90636	DOWKER JS	4- 333	FELDTHEORIE	18050		3-1883	MECH.EIG.FK	66545		
	4-2703	KOSM.STRLG.	90630		4- 338	FELDTHEORIE	18060		9- 332	HYDRODYNAM.	23060		
	4-2707	KOSM.STRLG.	90633		7- 263	FELDTHEORIE	18040	IM	5- 988	STARKE WW.	41780		
	9-2748	KOSM.STRLG.	90636		10- 329	FELDTHEORIE	18060		6- 847	STARKE WW.	41780		
MANN JL	3-2125	MAGN.EIG.FK	69040		11- 108	QUANTENTHEO	16530		7- 45	TAGUNGEN	10570		
	10- 535	HF-TECHNIK	27540	DOWLEY MW	8-1819	FLUESSIGK.	58576		8- 926	STARKE WW.	41700		
MANT LM	8-2686	GRENZFL.FK	74535		6-1324	MOLEKUELE	52585		11- 771	STARKE WW.	41700		
MONT H	1- 325	HYDRODYNAM.	23000	DOWLING JM	3- 566	OPT.INSTRUM	28545		11- 912	STARKE WW.	41780		
	6-2008	MECH.EIG.FK	66545		6- 480	OPT.INSTRUM	28545	DRENTJE SA	3-1854	KRIST.FEHL.	66079		
	8-1959	KRIST.FEHL.	66035		6-1291	MOLEKUELE	52536		11- 622	KERN-MESSG.	40580		
	11-2112	KRIST.FEHL.	66035	DOWN WL	3-2707	ERDKOERPER	90240	DRESDEN M	5- 136	QUANTENTHEO	16516		
MAN PJ	1- 963	STARKE WW.	41770		FA	2-1291	MOLEKUELE	52580		12- 305	STATISTIK	17523	
	5- 968	STARKE WW.	41764	DOWNS RG	11-2131	KRIST.FEHL.	66065	DRESEL H	4- 42	TAGUNGEN	10540		
	5- 979	STARKE WW.	41770	DOWS BW	8- 980	STARKE WW.	41740	DRESEFIELD RL	10-2286	MAGN.EIG.FK	69040		
MBERGER SCHIFF K.	9-1776	KRISTALLE	65560	DOWSON DA	5-2590	FK-SPEKTREN	73330	DRESNER J	1-2668	GRENZFL.FK	74570		
NER B	8-1284	KERNSTRHLG.	44010	DOYAMA AEK	7-2217	LEITFHGK.FK	70053		11-1963	KRISTALLE	65510		
	11- 754	ELEMENTART.	41576		2-1726	KRIST.FEHL.	66015	DRESS WB	3- 858	STARKE WW.	41767		
ING BF	10-2026	KRIST.FEHL.	66025		3-1738	KRIST.FEHL.	66015	DRESSSELHAUS G	3-2205	LEITFHGK.FK	70026		
PFEEV GA	10- 762	KERN-MESSG.	40584	DOYLE JC	4-2058	THERMEIG.FK	67550		GF	1-2528	OPT.EIG.FK	73610	
OF OF	7- 159	QUANTENTHEO	16550		5-1356	MOLEKUELE	52512		MS	1-2528	OPT.EIG.FK	73610	
PFYEY VS	1-1582	PLASMA	57045		8-1990	KRIST.FEHL.	66065			3-2205	LEITFHGK.FK	70026	
MIN VG	7- 532	MASER,LASER	28035		11- 781	STARKE WW.	41725			11-2999	OPT.EIG.FK	73605	
SHKEVICH A.G.	4-2905	KOSM.PHYSIK	94583		JM	7- 300	ELASTIZIT.	22520		12-2799	HALBLEITER	71563	
	10-2812	GRENZFL.FK	74535		NJ	11-2623	SUPRALEITG.	70540	DRESSER MJ	7-1504	PLASMA	57017	
SHY R	4-1465	MOLEKUELE	52516		PA	12-2154	KRISTALLE	65570	DRESSLER K	5-1428	MOLEKUELE	52524	
SHKIN AA	11-3186	GRENZFL.FK	74560		RE	1- 67	LABORTECHN.	12510		8-1456	MOLEKUELE	52560	
BELL BH	4-1446	MOLEKUELE	52512	DOZIER CM	12-2911	FK-SPEKTREN	73330	DRESVIN SV	10-1653	PLASMA	57020		
BIS GG	5-2018	MECH.EIG.FK	66514		9- 657	KERN-MESSG.	40525	DRESVYANNIKOV F.N.	6-1606	GASE	58025		
BAL P	4-1828	FLUESSIGK.	58576	DRABBLE CR	3-1867	MECH.EIG.FK	66514		8- 944	STARKE WW.	41725		
BY K	7-2977	STRAHL.BIOL	97010		9-1907	MECH.EIG.FK	66514	DREVERMANN H	3-2328	SUPRALEITG.	70550		
BH HG	6- 124	QUANTENTHEO	16553	DRABKIN GM	10- 736	KERN-MESSG.	40527	DREW HD	7-2419	FK-SPEKTREN	73325		
	12- 271	QU.FELDTHEO	17010	DRABOVICH KN	10- 560	MASER,LASER	28035	DREWS RE	8-1863	KRISTALLE	65545		
	11- 575	KERN-MESSG.	40512	DRAGERT DA	10-1892	FLUESSIGK.	58576		10-2712	OPT.EIG.FK	73630		
	12-1555	ATOME	52065	DRAGANESCU V	8- 650	OPT.INSTRUM	28545	DREXHAGE KH	2-2034	FK-SPEKTREN	73355		
	12-1556	ATOME	52065		10- 608	MASER,LASER	28055	DREYBRODT W	6-2206	FK-SPEKTREN	73355		
	12-1557	ATOME	52065	DRAGANU M	2-1395	PLASMA	57080		6-2207	FK-SPEKTREN	73355		
	1-2702	GEOMAGNET.	90460	DRAGESCO J	12-3406	PLANETEN	93614	DREYER G	9-1680	FLUESSIGK.	58546		
	2-2729	GEOMAGNET.	90460	DRAGNEV T	11- 578	KERN-MESSG.	40512		I	8-2680	GRENZFL.FK	74535	
	8-2605	OPT.EIG.FK	73635	DRAGO F	1-1187	KERNREAKTIO	43024		8-2681	GRENZFL.FK	74535		
	10-1186	KERNREAKTIO	43012		1- 928	STARKE WW.	41755		P	7-2451	FK-SPEKTREN	73335	
	11-1144	KERNSPEKTR.	42570		11- 744	STARKE WW.	41764		R	8-2680	GRENZFL.FK	74535	
	11-1145	KERNSPEKTR.	42570	DRAGOS RS	11- 807	STARKE WW.	41730		8-2681	GRENZFL.FK	74535		
	11-1150	KERNSPEKTR.	42570		5- 381	WAERME	24040	DREYFUS B	2-1651	KRISTALLE	65545		
COVALOV SB	9-2961	KOSM.PHYSIK	94510	DRAGOS L	2- 271	HYDRODYNAM.	23020		4-1953	KRIST.FEHL.	66070		
	2-1421	PLASMA	57203		2-1364	PLASMA	57045		10-2069	KRIST.FEHL.	66070		
	8-1661	PLASMA	57203	DRAGOUN O	3-1359	PLASMA	57045		10-2315	MAGN.EIG.FK	69060		
	9-1439	PLASMA	57015		2- 967	KERNSPEKTR.	42550		11-2241	THERMEIG.FK	67520		
	7- 938	STARKE WW.	41740		4-1161	KERNSPEKTR.	42570		12-2142	KRISTALLE	65545		
DR DR	4-1113	KERNSPEKTR.	42555	DRAGT JB	1-1292	K-REAKTOREN	43520	DRIATZKY RW	6-2462	HALBLEITER	71570		
	4-1114	KERNSPEKTR.	42555		2-1097	K-REAKTOREN	43510		4-2805	MAGNETOSPH.	91280		
	4-1231	KERNREAKTIO	43050		2-1115	K-REAKTOREN	43520		9-2741	GEOMAGNET.	90470		
DR H	10-1272	KERNREAKTIO	43056	DRAGUNOV VS	12- 117	LABORTECHN.	12530	DRICKAMER HG	1-1456	MOLEKUELE	52516		
	5-1613	PLASMA	57085	DRAHOUKOUPIL J	4- 738	PHYS.OPTIK	29038		5-2054	MECH.EIG.FK	66556		
	6-1506	PLASMA	57085	DRAHOS V	9- 458	TEILCH.OPT.	27030		6-1816	FK-SPEKTREN	73310		
	7-1618	PLASMA	57266	DRAISMA GG	9-2527	FK-SPEKTREN	73370		6-1817	KRISTALLE	65545		
	10-1715	PLASMA	57085	DRAKE DM	4-1203	KERNREAKTIO	43028		7-2404	FK-SPEKTREN	73310		
	12-1802	PLASMA	57075		6-1045	KERNREAKTIO	43042	DRICKEY DJ	7-2405	FK-SPEKTREN	73310		
	5-1806	FLUESSIGK.	58562		6-1073	KERNREAKTIO	43056		5- 965	STARKE WW.	41764		
	5-1839	FLUESSIGK.	58576		FD	6-2964	KOSM.PHYSIK	94550		11- 733	ELEMENTART.	41563	
	5-2142	DIELEKTRIKA	68020		GWF	3-1253	MOLEKUELE	52560		JD	11- 812	STARKE WW.	41735
	1- 100	VAKUUM	13030			12-1469	ATOME	52010	DRIEDONKS F	5-2508	HALBLEITER	71590	
	1-1649	PLASMA	57085			12-1578	ATOME	52010	DRIES VAN DEN J.G.A.	9-2191	LEITFHGK.FK	70056	
	5-1074	KERNSPEKTR.	42560		JF	10-3000	PLANETEN	93614	DRIESSCHE VAN W.	12- 521	ELEKTRIZIT.	26030	
	9-1362	MOLEKUELE	52575		TE	6- 922	KERNSPEKTR.	42540		2-2467	FK-SPEKTREN	73325	
	3-1336	PLASMA	57026			8-1195	KERNREAKTIO	43034	DRIFFORD M	10-1948	KRISTALLE	65545	
	3-1337	PLASMA	57026	DRAKIN SI	4-1798	FLUESSIGK.	58550			7-2597	DUENNE SCHI	74020	
	6- 118	QUANTENTHEO	16533	DRALEY JE	5- 448	THERMODYN.	24554	DRIGO A	10-2290	MAGN.EIG.FK	69040		
	7-1333	ATOME	52065	DRALE A	6- 687	ELEMENTART.	41546		L	1-1046	KERNSPEKTR.	42535	
	4- 661	OPT.INSTRUM	28520		12-1121	STARKE WW.	41770		3-1045	KERNREAKTIO	43052		
LAS A	10-2837	ERDKOERPER	90240		9- 982	KERNSPEKTR.	42565		5- 999	KERNSTRUKT.	42010		
AC	3- 893	KERNSTRUKT.	42070	DRANITZYNA GF	12-2315	KRIST.FEHL.	66065	DRIJARD D	3- 744	ELEMENTART.	41546		
	10-1195	KERNREAKTIO	43018	DRANOVA JI	8-2041	MECH.EIG.FK	66516		1-2530	OPT.EIG.FK	73610		
	12-1449	KERNSTRHLG.	44020		10-2042	KRIST.FEHL.	66040	DRILHON G	6-2995	BIOPHYSIK	96000		
	5- 611	OPT.INSTRUM	28530	DRANSFELD K	5-1754	FLUESSIGK.	58527		2-1078	KERNREAKTIO	43080		
	8-1410	MOLEKUELE	52524		7-2061	GITTERDYN.	67060	DRISCHER H	7-1222	KERNREAKTIO	43075		
	10-1528	MOLEKUELE	52524			7-2474	FK-SPEKTREN	73355	DRISKO RM	9-1130	KERNSTRHLG.	44010	
	11-1527	MOLEKUELE	52524	DRATZ EA	10- 633	OPT.INSTRUM	28530		C	7-1640	GASENTLADG.	57870	
	2-1873	MECH.EIG.FK	66516	DRAUGHN RA	12-3256	GRENZFL.FK	74540	DRITTLER K	9-1568	PLASMA	57266		
	3-1710	KRISTALLE	65588	DRAWIN HW	3-1157	ATOME	52045	DRIVER C	5-2105	GITTERDYN.	67070		
	12-2880	FK-SPEKTREN	73325		11-1650	PLASMA	57010	HST	8- 953	STARKE WW.	41725		
	12-1366	KERNREAKTIO	43064	DRAYSON SR	5-1455	MOLEKUELE	52560	DRIYAEV DG	11-2864	FK-SPEKTREN	73325		
LAS HAMILTON D.H.	12-3473	KOSM.PHYSIK	94550		1-1193	KERNREAKTIO	43030	DRIBNIS DD	6-1548	PLASMA	57250		
	2- 67	MATH.PHYSIK	16020	DRECHSEL D	6- 896	KERNSTRUKT.	42075	DRO					

DROKIN	AI	7-2187	MAGN.EIG.FK	69060	DUBOVIKOV	MS	2- 876	STARKE WW.	41762	DUFF	BG	6- 767	STARKE WW.	41
		11-2402	MAGN.EIG.FK	69035			5- 977	STARKE WW.	41764		KJ	11-1393	ATOME	52
DROLET	M	4- 467	WAERME	24023	DUBOVKA	GT	3-1890	MECH.EIG.FK	66553		RH	4-2563	DUENNE SCHI	74
DRONOV	AV	9- 626	PHYS.OPTIK	29063	DUBOVOI	AP	1-1645	PLASMA	57093		TAS	4- 351	MECHANIK	22
DRORY	C	7-1230	KERNREAKTIO	43080		EI	6-1025	KERNREAKTIO	43012	DUFFEY	GH	10-2349	LEITFHGK.FK	70
		8-1220	KERNREAKTIO	43056			8-1189	KERNREAKTIO	43012	DUFFIELD	AM	6- 604	KERN-MESSG.	40
		11-1077	KERN-SPEKTR.	42550			9-1002	KERNREAKTIO	43012	DUFFIN	E	7-2960	BIOPHYSIK	96
		11-1278	KERNREAKTIO	43056		LV	10-1694	PLASMA	57055		RJ	1- 492	ELEKTRODYN.	26
DROSG	M	6- 978	KERN-SPEKTR.	42565	DUBOVOY	EI	5-1000	KERNSTRUKT.	42010			12- 485	WAERME	24
DROSI	H	8-2218	MAGN.EIG.FK	69065	DUBOVSKII	LB	4-2413	FK-SPEKTREN	73300	DUFFUS	HJ	11-3321	IONOSPHAERE	91
DROST	H	4-2650	GRENZFL.FK	74580	DUBRIN	J	6-1338	MOLEKUELE	52585	DUFFY	J	5- 272	MECHANIK	22
DROST HANSEN	W	6-2697	GRENZFL.FK	74520	DUBROVA	TV	12-2369	MECH.EIG.FK	66553	DUFFY JR.	W	8-2166	MAGN.EIG.FK	69
		12-1993	FLUESSIGK.	58540	DUBROVIN	AV	7-2320	HALBLEITER	71520	DUFLO	J	3- 798	STARKE WW.	41
DROUET	MG	7-1509	PLASMA	57020			8-2366	METAL.LEITG	71010	DUFLOT	M	2-2872	KOSM.PHYSIK	94
		10-1760	GASENTLADG.	57840			8-2367	METAL.LEITG	71010	DUFLOT AUGARDE	R.			
DROUIN	H	8- 349	MECHANIK	22036			9-2230	SUPRALEITG.	70530		P	6-2942	KOSM.PHYSIK	94
DROUOT	R	10-1271	KERNREAKTIO	43056	DUBROVINA	SM	4-1290	KERNREAKTIO	43092	DUFOUR		3- 861	STARKE WW.	41
DROWART	A	5- 314	HYDRODYNAM.	23020	DUBROVSKII	LA	6-2734	GRENZFL.FK	74573			5- 894	STARKE WW.	41
	J	1- 746	ATOME	52090		LN	1-1350	ATOME	52045			5- 896	STARKE WW.	41
		7-1375	ATOME	52090	DUBROVSKY	GV	1-1497	MOLEKUELE	52580			6- 835	STARKE WW.	41
		7-1375	ATOME	52090			5-1352	MOLEKUELE	52510			6- 836	STARKE WW.	41
DROZ VINCENT	P	4- 334	FELDTHEORIE	18050	DUC	DV	1- 140	QUANTENTHEO	16516			11- 793	STARKE WW.	41
		7- 125	MATH.PHYSIK	16020			8- 971	STARKE WW.	41730		SW	11-3338	MAGNETOSPH.	91
	PH	5- 262	FELDTHEORIE	18050		TM	8-1231	KERNREAKTIO	43068	DUGAN	AE	5-2140	DIELEKTRIKA	68
DROZDOV	VA	6-2411	HALBLEITER	71510	DUCHEMIN	B	2-1065	KERNREAKTIO	43064			8-2471	FK-SPEKTREN	73
		6-2564	OPT.EIG.FK	73605	DUCHESNE	H	6-2860	ASTROPHYSIK	93020		AF	5-1297	ATOME	52
DROZDOVA	ZS	9-2257	METAL.LEITG	71010	DUCHON	J	11- 794	STARKE WW.	41725		CH	6-1322	MOLEKUELE	52
		10-2785	DUENNE SCHI	74040	DUCK	I	1- 878	STARKE WW.	41740	DUGAN JR.	JV	8-1468	MOLEKUELE	52
DROZDOVSKII	BA	8-2042	MECH.EIG.FK	65616			12- 266	QUANTENTHEO	16588	DUGANOV	VV	6-1454	PLASMA	57
DROZHBIN	YA	1- 570	MASER,LASER	28050		IM	5- 912	STARKE WW.	41740	DUGAR JABON	VD	1-1573	PLASMA	57
		5- 569	MASER,LASER	28050	DUCKETT	SW	9-2697	GRENZFL.FK	74570	DUGAS	J	6-1820	KRISTALLE	65
		12- 619	MASER,LASER	28050	DUCKWORTH	FC	2-1727	KRIST.FEHL.	66015	DUGDALE	JS	1-2420	THERMOELEKT	72
DRSKA	L	6- 77	VAKUUM	13025	DUCLAUX	AM	2-2018	FK-SPEKTREN	73370		RA	7- 607	OPT.INSTRUM	78
DRTEL	W	6-1179	ATOME	52040		J	12-2971	FK-SPEKTREN	73355	DUGGAL	SP	8-2867	SonnenPHYS.	93
DRUCKER	DC	8- 807	KERN-MESSG.	40584		J	6-1591	GASE	58010			10-2870	KOSM.STRLG.	90
DRUCKS	D	8- 330	MECHANIK	22000	DUCLOS	J	4-1388	ATOME	52070	DUGGAN	JL	4- 99	UNTERRICHT	12
DRUET	Y	4- 700	PHYS.OPTIK	29000			7- 857	ELEMENTART.	41546		DL	11-1481	ATOME	52
DRUGOVA	AA	4- 628	MASER,LASER	28045	DUCLOY	M	9- 493	MASER,LASER	28035	DUGUAY	MA	1- 550	MASER,LASER	28
DRUILHE	R	2-2487	FK-SPEKTREN	73330			10-1483	ATOME	52075			5- 591	MASER,LASER	28
		2-2297	METAL.LEITG	71000	DUCROS	P	6-1847	KRISTALLE	65574			6- 402	MASER,LASER	28
		3-2357	HALBLEITER	71500			7-2628	GRENZFL.FK	74520			8-1197	KERNREAKTIO	43
		11-2057	KRISTALLE	65588			12-2170	KRISTALLE	65572			10- 572	MASER,LASER	28
DRUIN	VA	10-1171	KERN-SPEKTR.	42575		Y	2- 812	STARKE WW.	41740			1-1083	KERN-SPEKTR.	42
DRUKAREV	OF	9- 927	KERN-SPEKTR.	42525			9- 827	STARKE WW.	41740	DUHM	HH	1-1257	KERNREAKTIO	43
DRUMHELLER	JE	3-1634	KRISTALLE	65545	DUCUING	J	9-2548	OPT.EIG.FK	73605			4-1273	KERNREAKTIO	43
DRUMMETER JR.	L.F.						10-1938	KRISTALLE	65545			7-1139	KERN-SPEKTR.	42
		7- 646	OPT.INSTRUM	28553			11-2993	FK-SPEKTREN	73380			8-1126	KERN-SPEKTR.	42
		7-1782	FLUESSIGK.	58576	DUDAREV	EF	1-1938	MECH.EIG.FK	66545			11-1322	KERNREAKTIO	43
DRUMMOND	IT	4- 237	QUANTENTHEO	16582			9-1828	KRISTALLE	65588			11-1323	KERNREAKTIO	43
		10- 211	QU.FELDTHEO	17015		ES	11- 268	ELASTIZIT.	22530	DUIMIO	F	5- 144	QUANTENTHEO	16
		12- 976	ELEMENTART.	41580			7-1904	KRIST.FEHL.	66030	DUINEN VAN	RJ	7-1110	KERN-SPEKTR.	42
	IW	2- 432	TEILCH.OPT.	27040			8-2023	KRIST.FEHL.	66076	DUISEBAEV	A	1-1190	KERNREAKTIO	43
	WE	3-1385	PLASMA	57055			8-2588	OPT.EIG.FK	73620	DUISMAN	JA	2-1520	GASE	58
		6-1422	PLASMA	57030			9-2578	OPT.EIG.FK	73625			11-2230	THERMEIG.FK	67
		7-1544	PLASMA	57055	DUDEK	HJ	10-1986	KRISTALLE	65584	DUKARSKII	SM	1- 415	WAERME	24
DRUNEN VAN	CJ	5- 448	THERMODYN.	24554	DUDELZAK	B	2- 751	ELEMENTART.	41576	DUKE	CB	1-1182	KERNREAKTIO	43
DRUYVESTEN	WF	2-2271	SUPRALEITG.	70520			2- 756	ELEMENTART.	41586			1-2399	HALBLEITER	71
		4-2287	SUPRALEITG.	70520			3- 689	KERN-MESSG.	40532			1-2652	GRENZFL.FK	74
		10-1705	PLASMA	57080	DUDENKOVA	AV	2- 484	MASER,LASER	28050			2-2522	OPT.EIG.FK	73
		10-1867	FLUESSIGK.	58560			3-2425	HALBLEITER	71566			3-2428	HALBLEITER	71
DRUZHININ	AV	1-2662	GRENZFL.FK	74566	DUDERMEL	MT	2- 597	PHYS.OPTIK	29055			5-2230	MAGN.EIG.FK	69
		5-2779	GRENZFL.FK	74563	DUDERSTADT	JJ	1-1310	KERNSTRHLG.	44010			5-2231	MAGN.EIG.FK	69
	VV	11-2012	KRISTALLE	65545	DUDEY	M	11-1331	KERNREAKTIO	43080			5-2352	LEITFHGK.FK	70
		12-2591	MAGN.EIG.FK	69065		ND	6-1008	KERNREAKTIO	43000			7-2529	OPT.EIG.FK	73
DRUZHININA	IP	12-2828	THERMOELEKT	72010	DUDKIN	LD	6-2490	THERMOELEKT	72010			11-2459	MAGN.EIG.FK	69
DRYPACHENKO	I.P.					SI	9-2181	LEITFHGK.FK	70028			11-2751	HALBLEITER	71
DRYSDALE	DD	4-1247	KERNREAKTIO	43054			2-2463	FK-SPEKTREN	73325			12-2645	LEITFHGK.FK	70
	N	3-1090	KERNREAKTIO	43085		VA	10-1605	MOLEKUELE	52585			12-2646	LEITFHGK.FK	70
		7-1089	KERN-SPEKTR.	42545		VI	3-2078	FK-SPEKTREN	73365		GL	2- 537	OPT.INSTRUM	78
DSA	ER	1-1562	PLASMA	57045	DUDKINA	VP	4-2753	IONOSPHAERE	91020		PJ	10- 891	STARKE WW.	41
DUANE	A	12-1109	STARKE WW.	41764	DUDKOWSKI	SJ	2-2425	PHOTOLEITG.	72510	DUKHOVILNOY	SD	8-1786	FLUESSIGK.	51
DUARDO	JA	3-1235	MOLEKUELE	52540	DUDLEY	TE	8-1290	KERNSTRHLG.	44020	DUKHOVSKOI	EA	9-2688	GRENZFL.FK	74
DUBAL	L	1- 953	STARKE WW.	41764			9-1090	KERNREAKTIO	43092	DUKOVA	ED	3-1611	KRISTALLE	65
		5- 973	STARKE WW.	41764	DUDNIK	EF	2-1968	DIELEKTRIKA	68020			6-1781	KRISTALLE	65
DUBE	SN	5-1791	FLUESSIGK.	58550			2-1990	DIELEKTRIKA	68030	DUKURE	RK	4-1617	PLASMA	57
DUBECH	G	1-1892	KRIST.FEHL.	66076			8-2141	DIELEKTRIKA	68030	DULANEY	H	2- 936	KERN-SPEKTR.	42
DUBENSKII	KK	9-2448	FK-SPEKTREN	73330		VP	9-2610	OPT.EIG.FK	73645	DULEY	WW	9-2400	FK-SPEKTREN	73
DUBEY	RS	12-2219	KRISTALLE	65588	DUDNIKOV	VG	6- 632	BESCHLEUNIG	41010			9-2972	KOSM.PHYSIK	91
DUBIN	DA	7-2144	MAGN.EIG.FK	69025		YS	9-1552	PLASMA	57250			12-2870	FK-SPEKTREN	73
DUBININ	VN	4-1830	DISP.SYST.	59510	DUDOLADOV	IP	2-1831	MECH.EIG.FK	66514	DULIEU	P	8-1986	KRIST.FEHL.	61
DUBININA	AN	6- 352	ELEKTRODYN.	26540			9-1945	MECH.EIG.FK	66514	DULIN	VA	2-1119	K-REAKTOREN	4
DUBINSKII	Y	3-2771	KOSM.STRLG.	90636	DUEBLER	H	10-2006	KRIST.FEHL.	66010	DULK	G	7-2862	PLANETEN	9
DUBNER	VM	3-1514	GASE	58025	DUECKER	HC	3-1887	MECH.EIG.FK	66590		GA	8-2888	PLANETEN	9
		5-1246	ATOME	52010	DUEHMKH	M	7- 282	MECHANIK	22030	DULLER	NM	7- 737	KERN-MESSG.	41
		6-1406	PLASMA	57010	DUELL	MJ	9-2680	GRENZFL.FK	74535	DULNEY	GN	7- 408	WAERME	24
DUBNOVA	GN	7-1929	KRIST.FEHL.	66035			11-1961	KRISTALLE	65510	DULOCK JR.	VA	2-2767	IONOSPHAERE	91
DUBOC	J	3- 779	STARKE WW.	41710	DUELLI	B	11-1293	KERNREAKTIO	43060	DULTZ	W	2-2768	IONOSPHAERE	91
		3- 821	STARKE WW.	41745	DUENNER	P	2-1694	KRISTALLE	65582		EL	5-2340	LEITFHGK.FK	70
		4- 969	STARKE WW.	41745	DUEREN	R	4-1410	ATOME	52065	DUMAN		3-1164	ATOME	5
		6- 750	STARKE WW.	41710	DUERR	FP	2-2854	PLANETEN	93655	DUMAREVSKII	YO	3-2581	OPT.EIG.FK	7
		11- 789	STARKE WW.	41725			8- 246	QU.FELDTHEO	17000	DUMARGUE	P	1-1684	HYDRODYNAM.	2
DUBOIN	ML	10-2903	LUFTHUELLE	90870			8- 841	ELEMENTART.	41520	DUMARTIN	S	1- 411	AKUSTIK	2
DUBOIS	C	2- 663	KERN-MESSG.	40582			10- 257	QU.FELDTHEO	17050			7-1779	FLUESSIGK.	5
	DF	5-1601	PLASMA	57085			11- 165	QU.FELDTHEO	17050	DUMAZET	G	1-1077	KERN-SPEKTR.	4
		7-1570	PLASMA	57085			11- 166	QU.FELDTHEO	17050			2-1066	KERNREAKTIO	43
		10- 279	STATISTIK	17560		S	10-2201	THERMEIG.FK	67556			2-1067	KERNREAKTIO	43
		11-2710	HALBLEITER	71540		W	3- 709	BESCHLEUNIG	41020			5-1168	KERNREAKTIO	43
	E	2- 663	KERN-MESSG.	40582	DUESBER									

DUMONT - EAGLES

ONT	M	11-1473	ATOME	52075	DURAND III L	6- 740	STARKE WW.	41700	DYATLOV	IT	10- 223	QUANTENTHEO	16578	
	S	2-2825	SONNENPHYS.	93314		10- 959	STARKE WW.	41755		VG	11-1667	PLASMA	57020	
		9-2852	SONNENPHYS.	93324		11- 835	STARKE WW.	41740	DYBOWSKI	K	11-1355	K-REAKTOREN	43515	
OUSSEAU	P	10-2967	SONNENPHYS.	93324	DURANY	G	6-1729	FLUESSIGK.	58560	DYBWAD	GL	4-1826	FLUESSIGK.	58530
AEV	FN	11-1678	PLASMA	57050	DURCEK	JV	11-1775	PLASMA	57093	DYB	DL	2- 163	QU.FELDTHEO	17015
		11-2416	MAGN.EIG.FK	69040	DUREIKO	G	8- 346	MECHANIK	22032	DYCE	RB	1-2801	PLANETEN	93610
		11-2521	MAGN.EIG.FK	69070	DURELLI	AJ	10- 658	OPT.INSTRUM	28560			3-2868	PLANETEN	93610
		11-2522	MAGN.EIG.FK	69070	DURGAPRASAD N		6-2775	KOSM.STRLG.	90630	DYCK	W	7-1709	FLUESSIGK.	58530
AJSKI	Z	8- 493	ELEKTRODYN.	26016			9-2747	KOSM.STRLG.	90636			12-3243	GRENZFL.FK	74535
AND	JJ	1- 493	ELEKTRODYN.	26540	DURGUN	K	6-1140	KERNSTRHLG.	44010	DYCKER DE	E	2-2189	LEITFHGK.FK	70020
BAR	RC	11-1583	MOLEKUELE	52575	DURHAM	FE	6-1099	KERNREAKTIO	43085			9-1635	FLUESSIGK.	58520
CAN	ABF	11-1507	MOLEKUELE	52514			6-1100	KERNREAKTIO	43085	DYDKO	AI	8-1757	FLUESSIGK.	58530
	AG	2- 359	THERMODYN.	24533	DURIEUX	M	4-1800	FLUESSIGK.	58555	DYE	TG	9- 459	TEILCH.OPT.	27040
	JF	2-2125	MAGN.EIG.FK	69045	DURIF	A	4-2453	FK-SPEKTREN	73330	DYER	DF	2-1509	GASE	58025
	JW	7- 499	HF-TECHNIK	27530	DURISCH	JE	2- 650	KERN-MESSG.	40520		FF	6- 620	KERN-MESSG.	40584
	LW	10- 548	HF-TECHNIK	27595	DURM	M	11- 50	LABORTECHN.	12525			4-1863	KRISTALLE	65545
	RA	7-2867	PLANETEN	93614	DURRAN	DA	3-1440	PLASMA	57216			5-1875	KRISTALLE	65545
		8-1483	MOLEKUELE	52575	DURRANT	AJF	7- 287	MECHANIK	22036	DYK	PN	6-1371	MOLEKUELE	52547
	TR	5-1977	KRIST.FEHL.	66035	DURSO	J	12- 603	MASER,LASER	28045	DW	DW	12- 910	ELEMENTART.	41510
		8-2031	MECH.EIG.FK	66514			2- 762	STARKE WW.	41700	DYKE	WP	10- 779	BESCHLEUNIG	41010
		11-2121	KRIST.FEHL.	66040			5- 905	STARKE WW.	41740	DYKES	MS	8- 791	KERN-MESSG.	40555
EEER JR.	WJ	7- 69	LABORTECHN.	12525	DURUPT	S	1- 485	ELEKTRODYN.	26530	DYKHNE	AM	12-3438	STERNE	94025
EGAN	HL	7- 811	ATOME	52090	DUSEK	J	12-3022	FK-SPEKTREN	73360	DYKMAN	IM	2-2324	HALBLEITER	71520
FORD	C	3- 61	LABORTECHN.	12515	DUSHIN	LA	6-1473	PLASMA	57055			9-2195	LEITFHGK.FK	70056
GAN	E	6-1060	KERNREAKTIO	43048	DUSI	G	12-2208	KRISTALLE	65588	DYKSTRA	L	10-1881	FLUESSIGK.	58568
HAM	GS	7-2777	IONOSPHERE	91040	DUSSEL	GA	3-2394	HALBLEITER	71540	DYMANUS	A	3-1236	MOLEKUELE	52543
IFER	B	9- 623	PHYS.OPTIK	29060		GG	11- 953	KERNSTRUKT.	42020			3-1238	ATOME	52085
INA	AA	3-2821	IONOSPHERE	91020	DUTCHAK	YI	1-1735	FLUESSIGK.	58520			5-1370	MOLEKUELE	52514
		10-2276	MAGN.EIG.FK	69030			1-1782	FLUESSIGK.	58565			6-1263	MOLEKUELE	52512
		2-2538	OPT.EIG.FK	73625			1-1792	FLUESSIGK.	58565			9- 958	KERNSPKTR.	42555
		9-2576	OPT.EIG.FK	73625			7-1741	FLUESSIGK.	58550			9-2075	MAGN.EIG.FK	69010
CKERLEY	PA	6- 346	ELEKTRODYN.	26520			7-1769	FLUESSIGK.	58565	DYMENT	JC	5- 566	MASER,LASER	28050
LAP	BD	3-1647	KRISTALLE	65545	DUTEIL	P	10- 519	TEILCH.OPT.	27068	DYMNIKOV	AD	2-1423	PLASMA	57206
MYRE	JL	9-1550	PLASMA	57270	DUTOVA	KP	12-1985	FLUESSIGK.	58530	DYMOND	JH	10-1848	FLUESSIGK.	58546
		2-2113	MAGN.EIG.FK	69040	DUTRANNOIS J		8- 802	KERN-MESSG.	40582	DYMSKI	TC	8- 49	UNTERRICHT	12025
		8-2364	METAL.LEITG	71010	DUTRIZAC	JE	10-1908	KRISTALLE	65510	DYNE	RJ	11-1569	MOLEKUELE	52562
	D	10-2530	FK-SPEKTREN	73310	DUTT	J	5- 483	ELEKTRODYN.	26540	DYNES	RC	4-1310	KERNSTRHLG.	44010
	DA	3-1442	PLASMA	57235	DUTTA	BC	2-1630	KRISTALLE	65540			4-2318	METAL.LEITG	71010
		5-1645	PLASMA	57250			4-1131	KERNSPKTR.	42565			5-2409	SUPRALEITG.	70530
	GH	6-1330	MOLEKUELE	52580			9- 956	KERNSPKTR.	42555			11-2210	GITTERDYN.	67020
		6-1331	MOLEKUELE	52570			8- 10	BIOGRAPHIEN	10220	DYRING	E	6-2780	KOSM.STRLG.	90633
	HS	4- 447	AKUSTIK	23530		M	3- 384	THERMODYN.	24552	DYSHKO	AL	7- 588	MASER,LASER	28060
	ST	4- 677	OPT.INSTRUM	28545		S	9-2315	HALBLEITER	71566	DYSON	BF	2-1746	KRIST.FEHL.	66025
	TH	2-1144	ATOME	52010		SK	2-2765	IONOSPHERE	91020			12-2240	KRIST.FEHL.	66025
		11-2003	KRISTALLE	65545		SN	2- 377	ELEKTRODYN.	26512		FJ	1- 238	STATISTIK	17560
	SA	6- 739	STARKE WW.	41700	DUTTA ROY	B	8- 965	STARKE WW.	41730			6- 646	ELEMENTART.	41500
	DA	9-1450	PLASMA	57030			12- 989	STARKE WW.	41710			7- 240	STATISTIK	17560
	RM	12- 131	LABORTECHN.	12570	DUTTO	G	2-1217	ATOME	52065			8- 157	MATH.PHYSIK	16000
MILL	WA	9-1584	GASENTLADG.	57810	DUTTON	D	7- 633	OPT.INSTRUM	28545		J	4- 342	MECHANIK	22032
NING	TH	6-1275	MOLEKUELE	52516		J	2-1476	GASENTLADG.	57820		JE	3-2907	KOSM.PHYSIK	94520
NING DAVIES	J.						5-1671	PLASMA	57010		N	7-2913	KOSM.PHYSIK	94520
		5- 419	THERMODYN.	24510		LHC	2- 806	STARKE WW.	41740			3-1493	GASE	58020
NING JR.	J	12- 972	ELEMENTART.	41578			11- 838	STARKE WW.	41740		PL	2-2789	IONOSPHERE	91050
JR		2- 749	ELEMENTART.	41576								2-2790	IONOSPHERE	91050
		5-1127	KERNREAKTIO	43032	DUVAL	ML	9-1342	MOLEKUELE	52560			4-2748	IONOSPHERE	91020
		6- 726	ELEMENTART.	41576		E	3-2049	FK-SPEKTREN	73370			5-2835	IONOSPHERE	91050
	JW	12-2085	DISP.SYST.	59510			4-1529	MOLEKUELE	52570			11-3312	IONOSPHERE	91030
SE	JU	12-3128	OPT.EIG.FK	73640		M	4- 681	OPT.INSTRUM	28550	DYSTHE	KB	4-2475	FK-SPEKTREN	73380
NG	HT	7- 637	OPT.INSTRUM	28545		MM	8-2473	FK-SPEKTREN	73325			12-1792	PLASMA	57070
		10- 647	OPT.INSTRUM	28545		P	6- 539	PHYS.OPTIK	29083	DYUBOK	SC	7- 572	MASER,LASER	28055
NG NHU HOA		11-1888	STARKE WW.	41764	DUVAL JR.	JS	4- 98	UNTERRICHT	12040	DYUBUA	BF	1-2675	GRENZFL.FK	74576
RAH	HL	3-2901	STERNE	94040	DUVALL	B	11-1894	FLUESSIGK.	58525	DYUKALOV	AM	2- 400	ELEKTRODYN.	26540
		3-2902	STERNE	94050	DUVARNEY	RC	8-2006	KRIST.FEHL.	66073	DYUMIN	NE	8-1746	FLUESSIGK.	58525
ASQUIER A		2-1186	LEITFHGK.FK	70024	DYVAUT		1-1962	PHYS.OPTIK	29000	DYUZHEV	GA	7-1621	GASENTLADG.	57810
		7-2212	LEITFHGK.FK	70028			9- 274	ELASTIZIT.	22530			11-1833	GASENTLADG.	57860
EYRAT	R	6-1298	MOLEKUELE	52540	DUMEZ	P	4-2164	MAGN.EIG.FK	69040	DZEGANOVSKII V.P.				
		10-1552	MOLEKUELE	52540			8-2365	METAL.LEITG	71010			1-2569	FK-SPEKTREN	73315
		12-1639	MOLEKUELE	52540	DUXBURY	G	3-1247	MOLEKUELE	52526	DZEHLEPOV BS				
ONT	A	1-1353	ATOME	52024			7-1410	MOLEKUELE	52526			12-2167	KRISTALLE	65572
	H	5-1758	FLUESSIGK.	58530			11-1532	MOLEKUELE	52526	DZHAFAROV	EO	5-2461	HALBLEITER	71520
		11-3015	OPT.EIG.FK	73625	DUXLER	WM	10-1456	ATOME	52070	TD		5-2346	LEITFHGK.FK	70028
ONT ROC	J	11-1302	KERNREAKTIO	43064	DYNEVELDT VAN	A.J.	10-2627	FK-SPEKTREN	73355			11-2668	HALBLEITER	71510
		2-1157	ATOME	52045			1-2084	FK-SPEKTREN	73355	DZHAFAROVA EA		2-2383	HALBLEITER	71566
	Y	3-1147	ATOME	52027	DVINYANINOV BL		3-2565	OPT.EIG.FK	73635	DZHALILOV NZ		4-2393	PHOTOLEITG.	72500
		11-1429	ATOME	52040			6-1256	MOLEKUELE	52512	DZHAPARIDZE SA		7-1698	FLUESSIGK.	58527
DUY	G	2- 426	TEILCH.OPT.	27030	DYORACEK	Z	4-2461	FK-SPEKTREN	73340	DZHAUGASHTI K.E.				
		5- 503	TEILCH.OPT.	27030	DYORAK	V	5-2065	GITTERDYN.	67010			8-1605	PLASMA	57050
		6- 362	TEILCH.OPT.	27030			7-1981	MECH.EIG.FK	66514			5-1092	KERNSPKTR.	42565
	JM	6-2048	MECH.EIG.FK	66540			10-2143	GITTERDYN.	67040			6- 948	KERNSPKTR.	42550
		8-2048	MECH.EIG.FK	66545	DYORETSKII MI		2- 685	BESCHLEUNIG	41040			6- 949	KERNSPKTR.	42550
	G	6- 42	BUECHER	11020	DYORIN	BA	1-2342	HALBLEITER	71530			6- 957	KERNSPKTR.	42555
RAZ	J	9-2463	FK-SPEKTREN	73355	DYOROVENKO NI		1-1498	MOLEKUELE	52540			6- 972	KERNSPKTR.	42560
RE	A	4-2526	FK-SPEKTREN	73355	DYORYANKIN VF		11-2029	KRISTALLE	65574			6- 994	KERNSPKTR.	42565
	F	10-1830	FLUESSIGK.	58527			12-2182	KRISTALLE	65574			9- 974	KERNSPKTR.	42560
REE	R	9-2472	FK-SPEKTREN	73355			12-3222	GRENZFL.FK	74510			9- 982	KERNSPKTR.	42565
		9-2473	FK-SPEKTREN	73355	DYOSKIN	VS	9-1588	GASENTLADG.	57850	DZHIBUTI	VI	11- 608	KERN-MESSG.	40555
	SA	9-1099	K-REAKTOREN	43510	DWEK	RA	5-1802	FLUESSIGK.	58560			5-1119	KERNREAKTIO	43020
	TH	3-1393	PLASMA	57060			7-1752	FLUESSIGK.	58557			6- 872	KERNSTRUKT.	42010
JIS	C	8-2336	SUPRALEITG.	70550			8-2559	FK-SPEKTREN	73370			11-1201	KERNREAKTIO	43022
	RA	3-1256	MOLEKUELE	52560	DWIGHT	K	3-1687	MAGN.EIG.FK	69010	DZHINCHVELASHVILI B.G.				
	T	10-1995	KRISTALLE	65584			6-2228	MAGN.EIG.FK	69025			12-1965	FLUESSIGK.	58527
JY	CHS	6-1911	KRIST.FEHL.	66030			9-2118	MAGN.EIG.FK	69025	DZHOLOS	RY	12-1194	KERNSPKTR.	42525
	F	2-2551	OPT.EIG.FK	73640			10-2267	MAGN.EIG.FK	69025	DZHORDZHISHVILI L.I.				
ZYK	RJ	12-1296	KERNSPKTR.	42575			11-2965	FK-SPEKTREN	73370			11-2923	FK-SPEKTREN	73355
UESNE	M	2- 639	KERN-MESSG.	40518	DWIVEDI	SR	9-1101	K-REAKTOREN	43510	DZIEDZIC	JM	2-2525	OPT.EIG.FK	73605
		5- 690	PHYS.OPTIK	29045	DWORAK	Z	11-2297	MAGN.EIG.FK	69010			11-2452	MAGN.EIG.FK	69060
AFFOURG B		5-26												

EAKER	N	12-3346	IONOSPHERE	91020	EDELEN	DGB	1-2852	KOSM.PHYSIK	94583	EFREMOV	AV	6- 730	ELEMENTART.	4151
EALES	B	7-2586	DUENNE SCHI	74010	EDELHOFF	B	12-3682	KOSM.PHYSIK	94583	YP	11- 477	MASER, LASER	2805	
EANDI	RD	1- 858	STARKE WW.	41725	EDELMAN	FL	11-1608	MOLEKUELE	52585	GD	11- 478	MASER, LASER	2805	
		5- 836	ELEMENTART.	41574			1-2342	HALBLEITER	71530	RV	2-1420	PLASMA	5709	
		6- 816	STARKE WW.	41764			7-2004	MECH.EIG.FK	66540	AL	10- 590	MASER, LASER	2805	
EARGLE JR.	DM	10-1562	MOLEKUELE	52547			8-2058	MECH.EIG.FK	66550		5-2486	HALBLEITER	7151	
EARLE	ED	3-1033	KERNREAKTIO	43044		IS	12-2348	MECH.EIG.FK	66518	A	11-2582	LEITFHGK.FK	7007	
		4-1230	KERNREAKTIO	43048		VS	11-3150	DUENNE SCHI	74065		10-2687	OPT.EIG.FK	7361	
		5-1098	KERNSEKTR.	42570			3-2532	FK-SPEKTREN	73355	WG	10-2952	ASTROPHYSIK	9308	
		5- 838	ELEMENTART.	41574			7-2495	FK-SPEKTREN	73365	IL	4-2062	THERMEIG.FK	6759	
EARLES	D	9-2067	DIELEKTRIKA	68050	EDELMANN	C	2- 52	VAKUUM	13016	PA	6-1634	FLUESSIGK.	5859	
EARLS	DE	4-1014	STARKE WW.	41770		F	2-2191	LEITFHGK.FK	70024		6-1635	FLUESSIGK.	5859	
EARLY	C	8- 912	ELEMENTART.	41576	EDELSON	D	3-1321	PLASMA	57030		7-1687	FLUESSIGK.	5859	
EARMAN	RA	9- 133	QUANTENTHEO	16523			7-1463	MOLEKUELE	52575		11-1885	FLUESSIGK.	5859	
EARNSHAW	JW	5- 103	VAKUUM	13020			12-1744	PLASMA	57030		12- 858	KERN-MESSG.	4054	
		9-2671	GRENZFL.FK	74530	EDELSTEIN	AS	1-2108	MAGN.EIG.FK	69050	YK	1-1771	FLUESSIGK.	5859	
EARMAKER	LG	3- 927	KERNSEKTR.	42545			4-2283	SUPRALEITG.	70520		6- 195	STATISTIK	1751	
		8-1112	KERNSEKTR.	42540			5-2394	SUPRALEITG.	70540	DJ	8-2919	STERNE	9401	
EASSEN	RM	2-2290	SUPRALEITG.	70520			7-2261	SUPRALEITG.	70520		12-3429	STERNE	9401	
		6-2384	SUPRALEITG.	70550			12-2567	MAGN.EIG.FK	69060	DM	6- 360	TEILCH.OPT.	2707	
		8-2330	SUPRALEITG.	70530		N	12-2878	FK-SPEKTREN	73325		11- 648	BESCHLEUNIG	4101	
EAST	LV	6- 956	KERNSEKTR.	42555		RM	1- 966	STARKE WW.	41783	MD	12- 664	OPT.INSTRUM	2851	
EASTLUND	BJ	3-1447	PLASMA	57030			12- 923	ELEMENTART.	41543	F	10- 409	AUKSTIK	2351	
EASTMAN	DE	8-2197	MAGN.EIG.FK	69050	EDEN	RC	12- 923	ELEMENTART.	41543	DF	1-1469	MOLEKUELE	5251	
		11-2511	MAGN.EIG.FK	69070		RJ	7-1272	KERNSTRHLG.	44010		12-1658	MOLEKUELE	5251	
	GY	12- 105	LABORTECHN.	12520			1- 184	QUANTENTHEO	16578	J	7- 8	BIOGRAPHIEN	1021	
EASWARAN	KRK	5-2167	FK-SPEKTREN	73370			8- 228	QUANTENTHEO	16578	PP	1- 502	TEILCH.OPT.	2707	
		5-2185	FK-SPEKTREN	73370			12- 250	QUANTENTHEO	16578		5- 741	KERN-MESSG.	4051	
EATHER	RH	7-2715	GEOMAGNET.	90470	EDER	G	12-1142	KERNSTRUKT.	42000	JG	10-2546	FK-SPEKTREN	7331	
		7-2717	GEOMAGNET.	90470	WE		6- 501	OPT.INSTRUM	28580	B	7-1821	FK-SPEKTREN	7331	
EATON	GH	8-1062	KERNSTRUKT.	42010	RF		6- 476	OPT.INSTRUM	28545	T	3- 946	KERNSEKTR.	4251	
		11-2400	MAGN.EIG.FK	69035	EDGAR		8- 128	LABORTECHN.	12570		4-1131	KERNSEKTR.	4251	
EBATA	JA	9-3021	HOEREN	96310	EDGE	RM	9- 275	HYDRODYNAM.	23010		9- 956	KERNSEKTR.	4251	
	M	3- 745	ELEMENTART.	41546	EDGINGTON	JA	6-2902	PLANETEN	93630	T	6-1062	KERNREAKTIO	4301	
	T	9- 742	ELEMENTART.	41546	EDMONDS	DT	5-2186	FK-SPEKTREN	73375		12-1381	KERNREAKTIO	4301	
EBBING	DD	5-1358	MOLEKUELE	52512			8- 560	HF-TECHNIK	27560	KE	10-1411	ATOME	5201	
EBEL	E	7-1825	KRISTALLE	65572	EDMONDS JR.	DS	11-2968	FK-SPEKTREN	73370	P	2-1043	KERNREAKTIO	4301	
	H	4-1879	KRISTALLE	65572	EDNEY	K	11- 665	BESCHLEUNIG	41040	VF	7-2171	MAGN.EIG.FK	6901	
		6-1732	FLUESSIGK.	58565	EDWARDS	AL	7-1144	KERNREAKTIO	43000	AA	12- 895	BESCHLEUNIG	4101	
		8-1880	KRISTALLE	65572		C	10-1788	GASE	58040	EA	1-1516	POLYMERE	5351	
		8-1881	KRISTALLE	65572		D	4- 969	STARKE WW.	41745	LA	12-2175	KRISTALLE	6551	
EBELING	D	10-1958	KRISTALLE	65572		DK	7- 719	PHYS.OPTIK	29066	PP	8- 640	OPT.INSTRUM	2851	
	R	3- 637	PHYS.OPTIK	29060		DM	3-2107	MAGN.EIG.FK	69030	VD	2-2539	OPT.EIG.FK	7361	
	W	11-2078	KRIST.FEHL.	66020			9-2092	MAGN.EIG.FK	69020	VN	8-2624	OPT.EIG.FK	7361	
		6-1409	PLASMA	57015			10-2247	MAGN.EIG.FK	69020		7-1454	MOLEKUELE	5251	
		6-1420	PLASMA	57030		DN	10- 981	STARKE WW.	41764		12-1663	MOLEKUELE	5251	
		10-1649	PLASMA	57017			12- 934	ELEMENTART.	41546	VS	3-1986	THERMEIG.FK	6751	
		11-1662	PLASMA	57017			12-1016	STARKE WW.	41725		8-2366	METAL.LEITG	7101	
EBERHARD	P	12-1123	STARKE WW.	41773	DO		3-1549	FLUESSIGK.	58527	EGOROV TISHENKO	Y.K.	6-1855	KRISTALLE	6551
EBERHARDT	EH	1- 521	TEILCH.OPT.	27068			6-1659	FLUESSIGK.	58527			8-1907	KRISTALLE	6551
	WH	3- 579	OPT.INSTRUM	28556			7- 113	VAKUUM	13030	AA	6- 428	MASER, LASER	2801	
		6-1301	MOLEKUELE	52524			7-1693	FLUESSIGK.	58525		8-1702	GASENTLADG.	5781	
		8-1391	MOLEKUELE	52512			8-1736	FLUESSIGK.	58527	ES	10- 605	MASER, LASER	2801	
EBERHART	JG	12-2422	THERMEIG.FK	67510			12-2416	THERMEIG.FK	67510	VF	3-2567	OPT.EIG.FK	7361	
EBERLE	KH	8- 794	KERN-MESSG.	40555	HW		5-2760	GRENZFL.FK	74535		6-2591	OPT.EIG.FK	7361	
EBERLEIN	W	12-1613	MOLEKUELE	52528	J		12-2091	DISP.SYST.	59540	H	7- 551	MASER, LASER	2801	
EBERLY	JH	9- 183	QU.FELDTHEO	17020	JB		10-1850	FLUESSIGK.	58546		5-2395	SUPRALEITG.	7051	
		11-1464	ATOME	52075	JB		2- 466	MASER, LASER	28040		6-2375	SUPRALEITG.	7051	
		12- 246	QUANTENTHEO	16578			4- 471	WAEARME	24040	J	2- 210	FELDTHEORIE	1801	
EBERST	RD	12-3317	LUFTHUELLE	90815			10- 573	MASER, LASER	28045		3- 263	FELDTHEORIE	1801	
EBERSTEIN	IJ	5- 301	HYDRODYNAM.	23010	JL		7-1399	MOLEKUELE	52524		4- 315	FELDTHEORIE	1801	
EBERT	HG	12- 58	TAGUNGEN	10540			7-1400	MOLEKUELE	52524	VJ	4- 335	FELDTHEORIE	1801	
	I	12-2976	FK-SPEKTREN	73355	JP		11-3301	IONOSPHERE	91020		3- 986	KERNSEKTR.	4251	
	PJ	8- 753	KERN-MESSG.	40510	KW		2- 803	STARKE WW.	41740		7-1306	ATOME	5201	
	R	7-1238	KERNREAKTIO	43090			5- 908	STARKE WW.	41740		9- 958	KERNSEKTR.	4251	
EBINA	A	2-1701	KRISTALLE	65584			6- 786	STARKE WW.	41740		10-1116	KERNSEKTR.	4251	
EBINGER	A	3- 397	ELEKTRIZIT.	26050			11- 831	STARKE WW.	41740	F	12-1116	STARKE WW.	4171	
EBISAWA	K	1-1066	KERNSEKTR.	42545			12-1042	STARKE WW.	41740	DC	6- 728	ELEMENTART.	4151	
	S	1-2618	DUENNE SCHI	74040	PJ		6-2929	STERNE	94050		12- 959	ELEMENTART.	4151	
		1-2644	GRENZFL.FK	74530	PR		8-2449	FK-SPEKTREN	73310	GJ	5-1864	KRISTALLE	6551	
EBNER	C	12-1949	FLUESSIGK.	58527	RS		9-1550	PLASMA	57270		12-2850	FK-SPEKTREN	7331	
ECCELES	J	8- 501	ELEKTRIZIT.	26050	RT		3- 742	ELEMENTART.	41546		6- 8	BIOGRAPHIEN	1021	
ECCLES	D	5-2842	IONOSPHERE	91040	S		6-1028	KERNREAKTIO	43014	W	9-2241	SUPRALEITG.	7051	
	SF	6-2815	IONOSPHERE	91000			6-1068	KERNREAKTIO	43054	E	3-2181	LEITFHGK.FK	7001	
	CF	2-1049	KERNREAKTIO	43054			7-1157	KERNREAKTIO	43012	H	11-2439	MAGN.EIG.FK	6901	
ECK	JS	7- 805	KERN-MESSG.	40580			12-1357	KERNREAKTIO	43054		11-2543	LEITFHGK.FK	7001	
		2- 980	KERNSEKTR.	42565	SF		2- 932	KERNSTRUKT.	42080	HW	4- 591	HF-TECHNIK	2701	
		3-1653	FK-SPEKTREN	73310			8-1502	POLYMERE	53500	D.				
		6- 982	KERNSEKTR.	42565			8-1725	FLUESSIGK.	58520		4-1120	KERNSEKTR.	4251	
ECKARDT	A	7- 824	BESCHLEUNIG	41010			10-1622	POLYMERE	53500		8-1230	KERNREAKTIO	4301	
ECKART	DM	7-1841	KRISTALLE	65584			10-2345	LEITFHGK.FK	70010	P	7-1809	KRISTALLE	6551	
ECKELT	P	7-2210	LEITFHGK.FK	70028			1-1452	MOLEKUELE	52514	H	2-1307	MOLEKUELE	5251	
ECKER	B	1- 51	BUECHER	11040			3-1233	MOLEKUELE	52516		2-1439	MOLEKUELE	5251	
		3-1485	PLASMA	57055			4-1438	MOLEKUELE	52510		4-2615	GRENZFL.FK	7451	
ECKERLE	KL	1-1399	ATOME	52045			5-1449	MOLEKUELE	52516		6-1328	MOLEKUELE	5251	
ECKERT	DA	9- 252	MECHANIK	22010	YRW		1-1235	KERNREAKTIO	43056		7-2017	MECH.EIG.FK	6601	
	ERG	2-1488	GASENTLADG.	57860	WD		12-1987	FLUESSIGK.	58535	D	5-1054	KERNSEKTR.	4251	
		7-1506	PLASMA	57017			12-2244	KRIST.FEHL.	66025	IM	6-2147	DIELEKTRIKA	6801	
		8- 465	WAEARME	24060						R	7- 905	STARKE WW.	4151	
		9- 386	WAEARME	24060							8- 868	ELEMENTART.	4151	
		12- 486	WAEARME	24060							10- 901	STARKE WW.	4151	
	O	8-2147	DIELEKTRIKA	68050	EEKELEN VAN H.A.M.		12-2418	THERMEIG.FK	67510					
	WJ	9- 252	MECHANIK	22010	EFFEMEY	HG	3- 454	HF-TECHNIK	27530	CH	7-2719	KOSM.STRLG.	9001	
ECKERTOVA	L	8-2704	GRENZFL.FK	74560	EFFENBERGER	D	5-2131	THERMEIG.FK	67556	K	4-2441	FK-SPEKTREN	7331	
ECKHARDT	HH	10- 433	WAEARME	24060	EFFERSON	KR	8- 118	LABORTECHN.	12530	M	2-1630	MAGN.EIG.FK	6901	
ECKHAUSE	M	9-1171	ATOME	52022			8-2311	SUPRALEITG.	70560		3-1630	KRISTALLE	6551	
ECKLUND	S	11- 741	ELEMENTART.	41574	EFIMENKO	TG	9- 995	KERNREAKTIO	43005		7-1805	KRISTALLE	6551	
	SD	3- 758	ELEMENTART.	41574			12-1302	KERNREAKTIO	43005		11-2815	FK-SPEKTREN	7331	
		9- 772	ELEMENTART.	41574	EFIMOV	VF	1- 572	MASER, LASER	28050	E.A.				
	WL	4-2768	IONOSPHERE	91050		GV	3- 516	MASER, LASER	28050		11- 300	HYDRODYNAM.	2301	
ECKRAD	SW	5-2794	ERDKOERPER	90250		ON	4-1881	KRISTALLE	65572	W	4-1910	KRIST.FEHL.	6601	
ECKSTEIN	Y	3-1550	FLUESSIGK.	58527		VN	12- 327	STATISTIK	17					

EICK - EMERSLEBEN

HA	12-2453	THERMEIG.FK	67556	EL SAYAD	GM	11-1142	KERNSPEKTR.	42565	ELLINGSON	RG	10-1538	MOLEKUELE	52536
AI	5- 921	STARKE WW.	41745	EL SAYED	MA	9-2568	FK-SPEKTREN	73325	ELLINGTON	HI	7-1624	GASENTLADG.	57815
LMAN	2-1788	KRIST.FEHL.	66040			7-2420	FK-SPEKTREN	73325			9-1454	PLASMA	57033
	8-1624	PLASMA	57055	EL SUM	HMA	8-2606	OPT.EIG.FK	73635	ELLIOT	BJ	2-2352	HALBLEITER	71540
ON	8-1627	PLASMA	57055			3- 333	AKUSTIK	23500			5-2477	HALBLEITER	71540
	11-1108	KERNSPEKTR.	42560			5- 360	AKUSTIK	23530		CT	8-2145	DIELEKTRIKA	68040
LN	6- 558	KERN-MESSG.	40512	EL TAHAWY	MSM	11-1298	KERNREAKTIO	43064	DG	12-1771	PLASMA		57053
ENBROD	8-1519	POLYMERE	53535			11-1299	KERNREAKTIO	43064	JC	12-2475	DIELEKTRIKA	68020	
AN	11-1213	KERNREAKTIO	43034	EL WAHAB	MA	11- 586	KERN-MESSG.	40518	JP	7-1036	KERNSTRUKT.	42075	
ANBERGER	11- 597	KERN-MESSG.	40532	EL WAKIL	SA	2-1000	KERNREAKTIO	43005	KWT	3- 8	VAKUUM	13010	
	1-2258	SUPRALEITG.	70520			12-1390	KERNREAKTIO	43080	RA	7- 227	STATISTIK	17523	
	7-2266	SUPRALEITG.	70520	EL ZAIKI	MI	3-1047	KERNREAKTIO	43054	RJ	4-2450	FK-SPEKTREM	73330	
	12-2685	SUPRALEITG.	70510			6-1064	KERNREAKTIO	43054			7-2033	GITTERDYN.	67010
RRSSON	5- 660	PHYS.OPTIK	29010	ELAD	E	3- 694	KERN-MESSG.	40540			9-1141	KERNSTRHLG.	44010
STIAN	12-3477	KOSH.PHYSIK	94550			12- 797	KERN-MESSG.	40520	ELLIS	AN	12-2536	MAGN.EIG.FK	69025
JUDI	6-1501	PLASMA	57085	ELAGIN	NI	7-1521	PLASMA	57033		D	12- 865	KERN-MESSG.	40584
ELDT	12-1991	FLUESSIGK.	58540	ELAND	JDH	9- 658	KERN-MESSG.	40532			6- 812	STARKE WW.	41764
ORN	11-2821	FK-SPEKTREN	73310	JHD	8-1494	MOLEKUELE	52585		DE	9-1769	KRISTALLE	65545	
GHAMMER	5- 654	PHYS.OPTIK	29010	ELATA	C	6-1682	FLUESSIGK.	58540			10-2261	MAGN.EIG.FK	69025
PRUCH	1-2335	HALBLEITER	71520	ELBAUM	C	3-1906	GITTERDYN.	67010	DJ	3-2454	PHOTOLEITG.	72510	
	6-2421	HALBLEITER	71520			8-2306	LEITFHGK.FK	70078			5-2518	PHOTOLEITG.	72510
	9- 364	WAERME	24023	ELBAZ	A	2-1437	PLASMA	57010	DM	4-1854	KRISTALLE	65540	
	9- 371	WAERME	24030	ELBE VOM	G	12- 503	THERMODYN.	24556	DV	10-2981	PLANETEN	93610	
	9-2237	SUPRALEITG.	70550	ELBEK	B	5-1055	KERNSPEKTR.	42550			11-3437	KOSH.PHYSIK	94540
ERG	12- 793	KERN-MESSG.	40520			6- 987	KERNSPEKTR.	42565	DW	3-2592	OPT.EIG.FK	73625	
HENS	9-2432	FK-SPEKTREN	73330			8-1156	KERNSPEKTR.	42560	E	12-2136	KRISTALLE	65545	
NN	11-1381	KERNSTRHLG.	44030			9- 978	KERNSPEKTR.	42565	GFR	10- 307	FELDTHEORIE	18040	
NNBERG	3- 813	STARKE WW.	41735			12-1276	KERNSPEKTR.	42565	GRA	7-2852	SONNENPHYS.	93326	
	4- 950	STARKE WW.	41735			12-1277	KERNSPEKTR.	42565	J	12-1248	KERNSPEKTR.	42555	
	6- 780	STARKE WW.	41735			12-1395	KERNREAKTIO	43085	MM	8-1857	KRISTALLE	65545	
	6- 783	STARKE WW.	41735	ELBEL	M	1-1394	ATOME	52030			11-2004	KRISTALLE	65545
	8-1193	KERNREAKTIO	43030			2-1208	ATOME	52065	PJ	1- 999	KERNSTRUKT.	42070	
	10- 918	STARKE WW.	41735			4-1405	ATOME	52065	RE	10-1568	MOLEKUELE	52560	
	12-1164	KERNSTRUKT.	42070	ELBERT	JW	6- 850	STARKE WW.	41783	SD	12- 925	ELEMENTART.	41543	
Y	11- 888	STARKE WW.	41764			10-1005	STARKE WW.	41783	SG	2-2568	DUENNE SCHI	74010	
P	9-2481	FK-SPEKTREN	73355	ELBINGER	G	2-2123	MAGN.EIG.FK	69045	WP	7-1834	KRISTALLE	65574	
NNBRAND	10-1477	ATOME	52075	ELCOMBE	MM	7-2047	GITTERDYN.	67040	ELLIS JR.	RA	7-1616	PLASMA	57263
NNCRAFT	1-2407	HALBLEITER	71570			9-1963	GITTERDYN.	67020			10-1750	PLASMA	57266
NNHANDLER	12- 962	ELEMENTART.	41574	ELDER	E	4-1504	MOLEKUELE	52528	ELLISON	FO	6-1269	MOLEKUELE	52514
	12- 963	ELEMENTART.	41574			10- 381	HYDRODYNAM.	23030			9-1260	MOLEKUELE	52512
NNHAUER	12-1447	KERNSTRHLG.	44020	ELDINE	MEZ	2-1585	FLUESSIGK.	58568			11-1506	MOLEKUELE	52514
NNLOHR	11-3501	STRAHL.BIOL	97010	ELDRINKAMP	LB	12-3418	PLANETEN	93640	ELLISTON	PR	5-2272	MAGN.EIG.FK	69050
NNSTADT	1-1780	FLUESSIGK.	58557	ELDRIDGE	HB	11-1261	KERNREAKTIO	43054			11-2928	FK-SPEKTREN	73360
NNSTADT J	2- 227	FELDTHEORIE	18050	JE	5-1906	KRISTALLE	65572	ELLSWORTH	RW	9- 766	ELEMENTART.	41570	
NNSTEIN	8-1197	KERNREAKTIO	43036	ELEFANTE	G	5- 429	THERMODYN.	24520	ELMGREN	H	9-1407	POLYMERE	53535
NNTHAL	2-1283	MOLEKUELE	52528	ELEFTERION A	12-3313	LUFTHUELLE	90810	ELO	R	6-2482	HALBLEITER	71585	
	6-1324	MOLEKUELE	52585	ELEINT	JK	12- 113	LABORTECHN.	12530	ELRICK	RH	7-2976	STRAHL.BIOL	97010
	8-1819	FLUESSIGK.	58576	ELEMEN	F	4-2690	GEOMAGNET.	90450	ELSASSER	WM	11- 95	QUANTENTHO	16526
ER	4- 884	ELEMENTART.	41546	ELENA	A	2-2794	IONOSPHERE	91050	ELSCHNER	H	12- 846	KERN-MESSG.	40570
ER	5- 58	UNTERRICHT	12060	ELENSKY	VM	11- 71	MATH.PHYSIK	16040	ELSKEN VAN DER J.		10-2142	GITTERDYN.	67040
	4-1801	FLUESSIGK.	58557	ELESIN	VF	1-2297	HALBLEITER	71500	ELSNER	A	3- 68	LABORTECHN.	12530
	7- 894	STARKE WW.	41710			5-2523	PHOTOLEITG.	72500		B	7- 884	ELEMENTART.	41578
	8- 946	STARKE WW.	41725	ELETSKII	AV	12- 639	MASER,LASER	28055			9- 776	ELEMENTART.	41574
EA	8-1139	KERNSPEKTR.	42550	ELETSKIKH	II	1- 295	MECHANIK	22032			9- 782	ELEMENTART.	41578
H	12-1474	ATOME	52010	ELEY	DD	2-2342	HALBLEITER	71530			10- 743	KERN-MESSG.	40560
NA	1-1120	KERNSPEKTR.	42560	ELFINGER	F	8-2076	GITTERDYN.	67040			12-1004	STARKE WW.	41725
	3- 664	KERN-MESSG.	40505	ELFNER	LF	11-3486	HOEREN	96310	ELSTE	G	11-3359	SONNENPHYS.	93310
	4-1144	KERNSPEKTR.	42565	ELFORD	MT	4-1421	ATOME	52070		GHE	4-2825	SONNENPHYS.	93322
	6-1825	FK-SPEKTREN	73310			4-1530	PLASMA	57030	ELSTNER	L	6-2449	HALBLEITER	71563
	9-1120	K-REAKTOREN	43515	ELIAS	JE	11- 725	ELEMENTART.	41550	ELSUKOV	AN	11- 416	HF-TECHNIK	27530
	9- 279	HYDRODYNAM.	23016	ELIASBERG	GB	10-2420	SUPRALEITG.	70510			11- 417	HF-TECHNIK	27530
	2-1213	ATOME	52070			11-1677	PLASMA	57030			11- 418	HF-TECHNIK	27530
LBACH	7-1343	ATOME	52070	ELIASZ	MA	6-2691	OPT.EIG.FK	73640			11-2429	MAGN.EIG.FK	69045
LD	12-1816	PLASMA	57085	ELIASON	B	5-1322	ATOME	52065	ELTON	LRB	1- 992	KERNSTRUKT.	42050
LDZOV	6-1872	KRIST.FEHL.	66010	ELIASZ	W	3- 452	HF-TECHNIK	27530			2- 911	KERNSTRUKT.	42030
LI	11-2161	KRIST.FEHL.	66025	ELIEZER	I	11-2414	MAGN.EIG.FK	69040			6- 30	BUECHER	11000
A	4-2599	DUENNE SCHI	74065			8-1386	MOLEKUELE	52512			10-1028	KERNSTRUKT.	42030
	5-2559	FK-SPEKTREN	73315			11- 713	ELEMENTART.	41546			11- 964	KERNSTRUKT.	42030
	12-2656	LEITFHGK.FK	70053			1-2135	MAGN.EIG.FK	69040		RC	3-1168	PLASMA	57010
H	11-1244	KERNREAKTIO	43050			7- 777	KERN-MESSG.	40532			8-1326	ATOME	52040
J	4-2883	KOSH.PHYSIK	94550	ELINGS	V	6-2735	GRENZFL.FK	74573			9-1208	ATOME	52047
RD	10-3100	KOSH.PHYSIK	94550	ELINSON	MI	11-2703	HALBLEITER	71530			9-1535	PLASMA	57210
ROEH	7-1120	KERNSPEKTR.	42565			11-2744	HALBLEITER	71566			11-1770	PLASMA	57093
L	4-2716	KOSH.STRLG.	90660			11-3100	DUENNE SCHI	74040	ELTSOVA	LD	1- 412	WAERME	24000
L	6-2114	THERMEIG.FK	67520			12-3101	OPT.EIG.FK	73605			9- 315	HYDRODYNAM.	23040
FM	11-2737	HALBLEITER	71566	ELION	HA	1- 48	BUECHER	11020	ELVERBREDD	I	8-1395	MOLEKUELE	52514
F	3- 937	KERNSPEKTR.	42545	ELISEENKO	LG	1- 727	KERN-MESSG.	40518			3- 353	WAERME	24050
E	1- 902	STARKE WW.	41753			2-2681	GRENZFL.FK	74570	ELVY	JSN	11- 184	STATISTIK	17526
	1-1202	KERNREAKTIO	43044	ELISEEV	BV	4-1615	PLASMA	57045	ELVIUS	A	9-2831	ASTROPHYSIK	93020
	10- 133	MATH.PHYSIK	16040			5- 316	HYDRODYNAM.	23020	ELWELL	D	9- 74	LABORTECHN.	12570
	9-1120	K-REAKTOREN	43515			5-2579	FK-SPEKTREN	73325			10-1824	FLUESSIGK.	58525
AF	12-1344	KERNREAKTIO	43046			6- 420	MASER,LASER	28050			10-1818	FLUESSIGK.	58527
MA	9- 660	KERN-MESSG.	40532			6- 421	MASER,LASER	28050	ELWOOD	JP	8-1474	MOLEKUELE	52575
ARRACH	9-1481	PLASMA	57055			8-2407	OPT.EIG.FK	73620	ELWYN	AD	10-1182	KERNREAKTIO	43010
AK	4-1269	KERNREAKTIO	43070			11- 456	MASER,LASER	28050	ELY	RP	4-1015	STARKE WW.	41773
AMAKI	11-1298	KERNREAKTIO	43064	ELISEEVA	GO	9-2284	HALBLEITER	71530	ELYASHBERG	ME	11-1537	MOLEKUELE	52530
AMAHAY	11-1299	KERNREAKTIO	43064	ELISTRATOV	AM	12-2349	MECH.EIG.FK	66518			12-1606	MOLEKUELE	52520
	9-1436	PLASMA	57023	ELIZAREVA	VI	6-1576	GASENTLADG.	57850	ELYSHEVICH	MA	3-1439	PLASMA	57023
ARIM	3-1046	KERNREAKTIO	43054	ELIZAROV	AN	2-1018	KERNSTRHLG.	44033	ELZE	TW	4-1131	KERNSPEKTR.	42565
ALAFAWY T.A.				ELIZBARASHVILI	M.A.						9- 956	KERNSPEKTR.	42555
	9-1481	PLASMA	57055			11-1139	KERNSPEKTR.	42565	ELZER	A	3-1172	ATOME	52075
ENSHAWY MF	12-1722	PLASMA	57010	ELJARRAT	H	4-2808	ASTROPHYSIK	93020			4-1398	ATOME	52075
ROFTY OH	9-1120	K-REAKTOREN	43515	ELK	K	6-1017	KERNREAKTIO	43010			7-1357	ATOME	52075
OHANDIS M.G.S.				ELKERT	J	12-1439	KERNSTRHLG.	44010			7-1358	ATOME	52075
	11-1750	PLASMA	57080	ELKIN	AI	4-1636	PLASMA	57053			7-1359	ATOME	52075
OUSLY M	5-2471	HALBLEITER	71530			8-1526	POLYMERE	53540	EMAN	B	5-1031	KERNSPEKTR.	42555
ADI	1-1078	KERNSPEKTR.	42545			12-1772	PLASMA	57053	EMBURY	JD	7-1991	MECH.EIG.FK	66545
	3-1046	KERNREAKTIO	43054			11-1666	PLASMA	57020	EMCH	GG	7- 233	STATISTIK	17530
M	2-1004	KERNREAKTIO	43010	ELKINA	IA	12- 642	MASER,LASER	28055			12- 299	STATISTIK	17520
	2-1005	KERNREAKTIO	43010			2-1051	KERNREAKTIO	43054	EMEUS	KO	7-1636	GASENTLADG.	57850
	4-1190	KERNREAKTIO	43012			4-1156	KERNSTRUKT.	42570			8-1690	GASENTLADG.	57840
	4-1193	KERNREAKTIO	43012			5-1227	KERNSTRHLG.	44030	EMELYANENKO OV		3-2386	HALBLEITER	71520

EMERSLEBEN O	8-1845	KRISTALLE	65530	ENGLER G	11-1077	KERNSPEKTR.	42550	EREMIN SA	11-2753	HALBLEITER	7	
EMERSON DE	7-283	MECHANIK	22032		11-1115	KERNSPEKTR.	42560	EREMINA IV	5-563	MASER, LASER	2	
DW	12-800	KERN-MESSG.	40520		10-2421	SUPRALEITG.	70520		12-611	MASER, LASER	2	
LC	4-1823	FLUESSIGK.	58570	ENGLERT E	10-241	QU.FELDTHEO	17010		12-2855	FK-SPEKTR	7	
ST	2-653	KERN-MESSG.	40542	F	9-211	STATISTIK	17526	ERENS G	12-1144	KERNSTRUKT.	4	
	3-921	KERNSPEKTR.	42540		10-242	QU.FELDTHEO	17010	ERENTS K	1-98	VAKUUM	1	
	6-549	KERN-MESSG.	40510		G	7-1448	MOLEKULE	52553		3-1855	KRIST.FEHL.	6
	7-1189	KERNREAKTIO	43052	ENGLISH AT	11-1192	KERNREAKTIO	43020		4-2634	GRENZFL.FK	7	
	7-1192	KERNREAKTIO	43054		10-2328	MAGN.EIG.FK	69070	ERESHCHENKO SK	4-920	ELEMENTART.	4	
	11-605	KERN-MESSG.	40542	FL	3-2360	HALBLEITER	71510	ERESHKOVSKII OS	3-354	WAERME	2	
	11-1257	KERNREAKTIO	43052		5-2463	HALBLEITER	71530	ERFURTH H	12-98	MESSEN	1	
	11-1310	KERNREAKTIO	43064		8-2699	GRENZFL.FK	74540	ERGARDT NN	2-323	WAERME	2	
EMERY AF	10-375	HYDRODYNAM.	23020	TC	9-1321	MOLEKULE	52543		5-76	LABORTECHN.	1	
GT	3-974	KERNSPEKTR.	42565		9-1322	MOLEKULE	52543		8-438	WAERME	2	
	10-1117	KERNSPEKTR.	42555	ENGLMAN R	10-1943	KRISTALLE	65545	ERGIN K	2-2699	ERDKOERPER	9	
	VJ	3-1545	FLUESSIGK.	ENGLUND A	12-1904	GASENTLADG.	57870	ERGINSOY C	3-1825	KRIST.FEHL.	6	
EMLIN RV	12-2758	HALBLEITER	71520	ENGSTROM S	3-691	KERN-MESSG.	40535		8-1978	KRIST.FEHL.	6	
EMMANUEL CB	3-635	PHYS.OPTIK	29053	ENGWELL MS	12-671	OPT.INSTRUM	28530	ERGUN S	3-1671	KRISTALLE	6	
	12-3401	PLANETEN	93613	ENJOJI H	8-1650	PLASMA	57085	ERICH U	6-1037	KERNREAKTIO	4	
EMMERICH DS	9-3022	HOEREN	96310	ENKOVSKI L	11-680	ELEMENTART.	41510		9-2368	FK-SPEKTR	7	
W	11-1303	KERNREAKTIO	43064	ENKOWSKI L	12-910	ELEMENTART.	41010	ERICKSON GA	10-2540	FK-SPEKTR	7	
EMMERSON JM	11-1304	KERNREAKTIO	43064	ENNIS JR. RM	9-693	BESCHLEUNIG	41010	GW	9-898	KERNSTRUKT.	4	
EMMONS HW	6-688	ELEMENTART.	41546	ENNS AE	8-408	HYDRODYNAM.	23070	LE	5-560	MASER, LASER	2	
RH	4-1600	PLASMA	57030	ENNS RH	12-733	PHYS.OPTIK	29045	ERICSON DB	4-2674	GEOMAGNET.	9	
RH	9-2909	PLANETEN	93695	ENOCH RD	5-2260	MAGN.EIG.FK	69040	M	1-872	STARKE WW.	4	
EMOND JC	1-119	MATH.PHYSIK	16040	ENRIQUES I	2-1383	PLASMA	57085		6-781	STARKE WW.	4	
EMPEDOCLES P	4-1443	MOLEKULE	52512	L	2-1446	PLASMA	57250	TEO	7-911	STARKE WW.	4	
EMRICK RM	3-2351	METAL.LEITG	71010		8-1646	PLASMA	57085		11-823	STARKE WW.	4	
EMSLEY JW	10-64	BUECHER	11020		12-1819	PLASMA	57085	ERICSSON KG	7-596	OPT.INSTRUM	21	
EMSLIE AG	5-2794	ERDKOERPER	90250	ENSBERG ES	6-1193	ATOME	52010	ERIKSEN EL	8-2590	OPT.EIG.FK	7	
EMTAGE PR	6-2355	LEITFHOK.FK	70078	ENSELME M	3-324	HYDRODYNAM.	23060		8-2591	OPT.EIG.FK	7	
ENCK FD	10-2428	SUPRALEITG.	70520	ENSGIN TC	3-1645	KRISTALLE	65545	G	4-2750	IONOSPHERE	9	
ENDEMAN HJ	10-2689	OPT.EIG.FK	73605	ENSHINGER RL	8-539	TEILCH.OPT.	27068		10-2964	SUNNENPHYS.	9	
ENDERBY JE	6-1635	FLUESSIGK.	58520	ENSS V	2-216	FELDTHEORIE	18042	ERIKSSON KBS	3-1130	ATOME	5	
	6-1636	FLUESSIGK.	58520	ENSTROM J	8-865	ELEMENTART.	41546	L	1-1872	KRIST.FEHL.	6	
	6-1702	FLUESSIGK.	58550	ENTIN RI	8-2109	THERMEIG.FK	67550		4-1323	KERNSTRHLG.	4	
	6-1726	FLUESSIGK.	58560	ENTIS A	8-903	ELEMENTART.	41574		4-1324	KERNSTRHLG.	4	
	11-2912	FK-SPEKTR	73355	ENZ CP	7-2275	SUPRALEITG.	70540		7-2346	HALBLEITER	7	
	12-2027	FLUESSIGK.	58557		8-2312	SUPRALEITG.	70510		9-1849	KRIST.FEHL.	6	
ENDERLEIN R	7-2109	DIELEKTRIKA	68000		10-2137	GITTERDYN.	67010		11-1382	KERNSTRHLG.	4	
ENDO F	8-583	MASER, LASER	28040		11-2385	MAGN.EIG.FK	69035		11-2068	KRIST.FEHL.	6	
I	10-910	STARKE WW.	41725	EPAIN R	5-74	LABORTECHN.	12515	TA	4-1185	KERNREAKTIO	4	
O	1-1265	KERNREAKTIO	43080	EPELBOIN I	1-2289	SUPRALEITG.	70550	K	8-1303	ATOME	5	
T	11-2802	PHOTOLEITG.	72510		5-341	HYDRODYNAM.	23040	ERINGIS GL	2-2391	HALBLEITER	7	
	12-2263	KRIST.FEHL.	66030		8-1805	FLUESSIGK.	58568	ERISTAVI GL	12-2886	FK-SPEKTR	7	
	12-2664	LEITFHOK.FK	70056		12-2362	MECH.EIG.FK	66550	ERIUM FS	1-77	LABORTECHN.	12	
ENDOH Y	2-2132	MAGN.EIG.FK	69050	EPHERRE H	5-1160	KERNREAKTIO	43054	ERKILA BH	2-996	KERNSPEKTR.	42	
	4-2180	MAGN.EIG.FK	69050	EPELY TD	5-381	WAERME	24040		7-1247	KERNREAKTIO	42	
	10-2301	MAGN.EIG.FK	69050	EPONESHNIKOV V.N.				ERKMAN JO	10-2100	MECH.EIG.FK	61	
	12-2564	MAGN.EIG.FK	69050		2-685	BESCHLEUNIG	41040	ERKO VF	9-1379	MOLEKULE	52	
ENDOM L	8-1791	FLUESSIGK.	58557		2-686	BESCHLEUNIG	41040	ERLAKI G	3-2115	MAGN.EIG.FK	61	
ENDRES PF	5-170	QUANTENTHEO	16533	EPPERS WC	5-571	MASER, LASER	28055	ERLANDSON RJ	7-2111	DIELEKTRIKA	6	
ENDT PM	1-1229	KERNREAKTIO	43054	EPPEL E	3-663	KERN-MESSG.	40512	ERLANDSSON B	5-1074	KERNSPEKTR.	42	
	3-929	KERNSPEKTR.	42545	EPPRECHT GW	4-580	HF-TECHNIK	27540	ERLENKAEMPER S	3-2333	SUPRALEITG.	7	
	5-1037	KERNSPEKTR.	42530	EPSHTEIN EM	2-1914	GITTERDYN.	67060	ERLEWEIN W	9-1349	MOLEKULE	52	
	6-937	KERNREAKTIO	42545		2-2346	HALBLEITER	71530	ERLYKIN AD	11-3248	KOSM.STRLG.	90	
ENENSSTEIN BS	10-2849	ERDKOERPER	90280		3-2255	LEITFHOK.FK	70072		11-3252	KOSM.STRLG.	90	
ENGA E	4-1427	ATOME	52085		5-2095	GITTERDYN.	67060		11-3260	KOSM.STRLG.	90	
ENGAN H	1-320	ELASTIZIT.	22530	LM	1-1465	MOLEKULE	52516		11-3261	KOSM.STRLG.	90	
ENGBERG M	9-2831	ASTROPHYSIK	93020	DL	10-472	ELEKTRIZIT.	26012	ERMAGAMBETOV S.B.				
ENGE HA	1-732	KERN-MESSG.	40532	SJ	3-2077	FK-SPEKTR	73360		8-1245	KERNREAKTIO	42	
	7-1199	KERNREAKTIO	43056	EE	4-2882	KOSM.PHYSIK	94550	ERMAKOV BA	7-546	MASER, LASER	28	
	7-1226	KERNREAKTIO	43075		6-2884	PLANETEN	93610		8-580	MASER, LASER	28	
	8-1234	KERNREAKTIO	43075		9-2993	KOSM.PHYSIK	94560	KN	11-609	KERN-MESSG.	40	
ENGEBRETSON MJ	9-1063	KERNREAKTIO	43066		10-2982	PLANETEN	93610	SM	2-1119	K-REAKTOREN	43	
ENGEL M	7-1245	KERNREAKTIO	43092	G	9-854	STARKE WW.	41755	VI	1-297	MECHANIK	22	
ENGEL H	4-1306	K-REAKTOREN	43520	H	1-213	QU.FELDTHEO	17015		6-325	ELEKTRIZIT.	26	
OG P	4-388	HYDRODYNAM.	23020		4-284	QU.FELDTHEO	17060	ERMAKOVA AN	11-3040	OPT.EIG.FK	73	
10-1994	KRISTALLE	65584			9-207	QU.FELDTHEO	17060	ERMAN P	10-1147	KERNREAKTIO	42	
TH	6-2706	GRENZFL.FK	74535	JH	7-148	QUANTENTHEO	16526		10-1150	KERNSPEKTR.	42	
ENGEL VOM A	3-1466	GASENTLADG.	57810	KJ	3-256	FELDTHEORIE	18020	ERMOLAEV AM	9-2174	LEITFHOK.FK	70	
	8-1550	PLASMA	57010	LM	2-1453	PLASMA	57256	LA	1-2675	GRENZFL.FK	74	
	9-1427	PLASMA	57010		5-2092	GITTERDYN.	67060		12-3273	GRENZFL.FK	74	
ENGELAND T	1-999	KERNSTRUKT.	42070	R	9-2158	MAGN.EIG.FK	69070	VL	5-1467	MOLEKULE	52	
	10-1044	KERNSTRUKT.	42070	RI	7-2930	KOSM.PHYSIK	94540		9-1721	FLUESSIGK.	58	
ENGELBERTINK G.A.P.				S	2-473	MASER, LASER	28045	ERMOLENKO AS	10-2762	DUENNE SCHI	7	
	3-929	KERNSPEKTR.	42545		5-561	MASER, LASER	28045	ERMOLOV PF	4-836	BESCHLEUNIG	41	
	6-936	KERNSPEKTR.	42545	SG	6-1719	FLUESSIGK.	58560	ERMOLOVICH IB	9-2351	PHOTOLEITG.	72	
ENGELBRECHT CA	7-1181	KERNREAKTIO	43048	ST	6-1165	ATOME	52010		12-3116	OPT.EIG.FK	73	
ENGELN VAN P.P.J.					6-1229	ATOME	52065		12-3118	OPT.EIG.FK	73	
	3-2329	SUPRALEITG.	70540		6-1312	MOLEKULE	52570		12-3125	OPT.EIG.FK	73	
	5-2194	FK-SPEKTR	73355		7-148	QUANTENTHEO	16526	ERMIRICH W	4-2644	GRENZFL.FK	74	
ENGELHARD E	9-523	MASER, LASER	28055		12-211	QUANTENTHEO	16533		7-2653	GRENZFL.FK	74	
ENGELHARDT AG	5-699	PHYS.OPTIK	29055	EQUER B	10-904	STARKE WW.	41725	ERN V	7-2418	FK-SPEKTR	73	
	7-1607	PLASMA	57256	K	10-2727	OPT.EIG.FK	73640		5-1758	FLUESSIGK.	58	
D	12-1358	KERNREAKTIO	43054		12-2808	HALBLEITER	71566	ERNEST BM	4-964	STARKE WW.	41	
ENGEL BA	8-3037	STRAHL.BIOL	97010	ERAMZHYAN RA	6-678	ELEMENTART.	41543	E	6-2994	BIOPHYSIK	96	
ENGELL HJ	8-1795	FLUESSIGK.	58565		11-1048	KERNSPEKTR.	42540	F	12-3342	LUFTHUELLE	90	
ENGELMANN C	1-1863	KRISTALLE	65588	ERBACHER F	10-1334	K-REAKTOREN	43510	FJ	10-315	FELDTHEORIE	18	
	1-1671	PLASMA	57210	ERBE R	3-764	ELEMENTART.	41574		12-365	FELDTHEORIE	18	
	5-1597	PLASMA	57080	ERBEIA A	6-1716	FLUESSIGK.	58557	G	4-2414	FK-SPEKTR	73	
	9-1587	GASENTLADG.	57850		12-576	HF-TECHNIK	27560	K	2-1171	MASER, LASER	28	
	11-1756	PLASMA	57085	ERBEN KD	10-1833	FLUESSIGK.	58527	L	8-2668	GRENZFL.FK	74	
	12-1830	PLASMA	57093	ERBER T	5-436	THERMODYN.	24530	RR	9-2699	GRENZFL.FK	74	
	12-1847	PLASMA	57206		12-539	ELEKTRODYN.	26540		6-1363	MOLEKULE	52	
RJ	7-2763	LUFTHUELLE	90890	ERBERT V	1-551	MASER, LASER	28040		12-899	BESCHLEUNIG	41	
ENGELS J	12-958	ELEMENTART.	41574	ERCOLIANI L	2-2886	KOSM.PHYSIK	94560	EROFEEVA IN	6-2778	KOSM.STRLG.	90	
W	6-943	KERNSPEKTR.	42550	ERDELYI E	9-423	ELEKTRIZIT.	26016		6-2791	KOSM.STRLG.	90	
ENGELS JR. E	5-965	STARKE WW.	41764	ERDELYI I	4-784	KERN-MESSG.	40512		11-829	STARKE WW.	41	
	8-903	ELEMENTART.	41574	ERDELYVARI I	3-1097	K-REAKTOREN	43515	EROKHOV NA	12-2167	KRISTALLE	65	
	11-812	STARKE WW.	41735	ERDMANN RC	9-1138	KERNSTRHLG.	44010		12-2168	KRISTALLE	65	
ENGELSBERG S	11-2442	MAGN.EIG.FK	69060		12-1422	K-REAKTOREN	43515	EROSHENKOVA IG	6-1865	KRISTALLE	65	
ENGELSKATH A	7-635	OPT.INSTRUM	28545	ERDOGAN ME	1-343	HYDRODYNAM.	23020	ERPENBECK J	9-1680	FLUESSIGK.	58	
ENGEN OF	5-518	HF-TECHNIK	27540		3-303	HYDRODYNAM.	23020	ERRAMUSPE HJ	1-1075	KERNSPEKTR.	42	
ENGESSER FC	3-1024	KERNREAKTIO	43040	EREMEEV SI	10-2045	KRIST.FEHL.	66060		6-1018	KERNREAKTIO	43	
ENOFER R	1-1195	KERNREAKTIO	43034	EREMENKO VV	1-2319	METAL.LEITG	71010	ERRINGTON PR	6-1860	MAGN.EIG.FK	69	
	2-1014	KERNREAKTIO	43034		3-2366	HALBLEITER	71520	ERSHOV AD	6-2250	MAGN.EIG.FK	69	
ENGINEER MH	2-2505	OPT.EIG.FK	73610		4-2527	OPT.EIG.FK	73630	DK	10-836	ELEMENTART.	41	
	10-2515	PHOTOLEITG.	72510		4-2531	OPT.EIG.FK	73620	IV	10-393	HYDRODYNAM.	23	
ENGLAND AW	12-3413	PLANETEN	93640		7-2545	OPT						

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INE R	6- 818	STARKE WW.	41764	EULENBERGER GR	10-2309	MAGN.EIG.FK	69060	EVTUSHENKO VI	7-2102	THERMEIG.FK	67550
	8- 968	STARKE WW.	41730	EULER F	6-2264	MAGN.EIG.FK	69045	EWALD AW	12-2612	LEITFHGK.FK	70024
	11- 902	STARKE WW.	41775		10-2637	FK-SPEKTREN	73360		12-2613	LEITFHGK.FK	70024
INE III FT	10-3126	BIOPHYSIK	96000	KJ	6- 39	BUECHER	11020	II	6-1105	KERNREAKTIO	43090
S I	10-1800	GASE	58095		6- 292	WAERME	24000	HN	1-1702	GAESTFLADG.	57840
L H	2- 251	HYDRODYNAM.	23020		7-2661	GRENZFL.FK	74540	PP	10-1962	KRISTALLE	65572
	2-2701	ERDKOERPER	90260		12- 524	ELEKTIZIT.	26050		10-1963	KRISTALLE	65572
	2-2707	ERDKOERPER	90295	EUVRAD D	1- 381	HYDRODYNAM.	23060	EWAN GT	12-1242	KERNSEKTR.	42555
G	2-2654	GRENZFL.FK	74530	EUEMA RN	1- 2189	LEITFHGK.FK	70028	EWANIZKY TF	6-2557	FK-SPEKTREN	73380
	4-2601	GRENZFL.FK	74510		2-1839	MECH.EIG.FK	66540	EWART A	6-1012	KERNREAKTIO	43008
ME	7-2243	HALBLEITER	71580		5-2341	LEITFHGK.FK	70028	EWERS WM	11-1034	KERNSEKTR.	42540
II	6-2188	FK-SPEKTREN	73355	EVANS AE	1- 716	KERN-MESSG.	40505	EWING B	5-2761	GRENZFL.FK	74535
	8-2349	SUPRALEITG.	70550		5- 782	RESON.FUNIG	41020	GE	5-1392	MOLEKUELE	52534
PHIMOV LM	9-2800	IONOSPHAERE	91045	AG	7-1444	MOLEKUELE	52547		5-1399	MOLEKUELE	52536
WNS W	3-1145	ATOME	52027	AR	12-2934	FK-SPEKTREN	73340		11-2872	FK-SPEKTREN	73330
	4-1361	ATOME	52040	B	8-2688	GRENZFL.FK	74535		12-2064	FLUESSIGK.	58570
HN AR	6- 850	STARKE WW.	41783	BJ	1-1820	KRISTALLE	65545	MS	6-2962	KOSM.PHYSIK	94550
	7- 910	STARKE WW.	41725	BL	5-2571	FK-SPEKTREN	73325	RI	11-3183	GRENZFL.FK	74560
	10- 892	STARKE WW.	41725		10-2561	FK-SPEKTREN	73325	EXNER HE	11-1960	KRISTALLE	65500
	10-1005	STARKE WW.	41783	CJ	4-1726	GAESTFLADG.	57840	VL	12-1898	PLASMA	57070
KKHIN AV	12- 139	VAKUUM	13010		10-1639	PLASMA	57010	EYRAUD L	5-2125	THERMEIG.FK	67550
NKKNYAN AL	10-1157	KERNSEKTR.	42565	D	5-1607	PLASMA	57075	M	4- 561	TEILCH.OPT.	27054
II L	1-2405	HALBLEITER	71570	DA	6- 863	STARKE WW.	41790	EYRE BL	10- 93	LABORTECHN.	12520
	1-2468	FK-SPEKTREN	73325		8- 748	KERN-MESSG.	40503		10-2450	METAL.LEITG	71010
	6-2467	HALBLEITER	71570		9- 487	MASER,LASER	28030	EYRING EM	5-1817	FLUESSIGK.	58568
	8-2710	GRENZFL.FK	74573	DC	10-2986	PLANETEN	93610	H	2-1867	MECH.EIG.FK	66556
	11-2747	HALBLEITER	71570	DE	12- 604	MASER,LASER	28045		3- 281	MECHANIK	22036
	12-2810	HALBLEITER	71570	DJ	6-1646	FLUESSIGK.	58520		5- 73	LABORTECHN.	12515
IG B	1-1921	MECH.EIG.FK	66514	DL	4-1737	PLASMA	57093		6-1631	FLUESSIGK.	58540
	6-1939	KRIST.FEHL.	66035	DS	11-3299	GEOMAGNET.	90470	EZAWA H	7- 252	STATISTIK	17566
	12-2277	KRIST.FEHL.	66035	EH	8-1904	KRISTALLE	65584		10- 236	QU.FELDTHEO	17000
HNDE L	1- 380	HYDRODYNAM.	23060	EL	3- 415	TEILCH.OPT.	27040		10- 254	QU.FELDTHEO	17040
RD J	7-1836	KRISTALLE	65574		12-3226	GRENZFL.FK	74520		12- 270	QU.FELDTHEO	17010
JUT JC	1- 268	FELDTHEORIE	18040	EW	4-2015	GITTERDYN.	67020	Y	11- 686	ELEMENTART.	41535
B	6- 440	OPT.INSTRUM	28513		7-2042	GITTERDYN.	67040	HM	3-1320	POLYMERE	53560
RP	5-2686	DUENNE SCHI	74010	GB	8- 630	OPT.INSTRUM	28530	S	6-1244	ATOME	52085
HL	8- 142	VAKUUM	13013		10-2821	GRENZFL.FK	74570	D	2-2868	STERNE	94040
V	4- 457	AKUSTIK	23550	HJ	4-1378	ATOME	52050		7-2902	STERNE	94040
	10- 414	AKUSTIK	23550	J	10-2534	FK-SPEKTREN	73310		7-2903	STERNE	94040
SSSTRUTH PT	3- 737	ELEMENTART.	41546	JA	4-1058	KERNSTRUKT.	42070	EZHII II	7-2125	DIELEKTRIKA	68030
	9- 740	ELEMENTART.	41546	JE	5-1251	ATOME	52024		11-1938	FLUESSIGK.	58562
UBES B	12-1058	STARKE WW.	41748		10-1321	KERNREAKTIO	43092	EZROL H	9- 578	OPT.INSTRUM	28566
ODIE B	7-1130	KERNSEKTR.	42565		11-3303	IONOSPHAERE	91020	EZZ EL ARAB M	8-2033	MECH.EIG.FK	66514
ODIER P	11-3138	DUENNE SCHI	74050		12-1296	KERNSEKTR.	42575				
	12-3017	FK-SPEKTREN	73360	JH	10- 93	LABORTECHN.	12520				
EEVICH VG	2-1374	PLASMA	57050		10-2450	METAL.LEITG	71010				
SSON BN	7-1699	FLUESSIGK.	58527	JR	9-2738	GEOMAGNET.	90470				
	7-1702	FLUESSIGK.	58527	JV	1-2754	IONOSPHAERE	91020				
	8-1745	FLUESSIGK.	58525		5-2840	IONOSPHAERE	91030				
	8-1746	FLUESSIGK.	58525		6-2827	IONOSPHAERE	91020	FABELINSKII ID	2-1526	GASE	58060
HHAR J	10-3130	BIOPHYSIK	96040		10-3016	PLANETEN	93640	IL	2-1596	FLUESSIGK.	58573
LBLY JD	6-1950	KRIST.FEHL.	66035		11-3311	IONOSPHAERE	91030		5-1789	FLUESSIGK.	58546
HEMAN R	5-2880	ASTROPHYSIK	93020		12-3359	IONOSPHAERE	91050		6- 519	PHYS.OPTIK	29045
A	5-2057	MECH.EIG.FK	66556		10-2961	SONNENPHYS.	93320		7- 692	PHYS.OPTIK	29043
VO	2-1619	KRISTALLE	65518	KR	3- 950	KERNSEKTR.	42555		7- 693	PHYS.OPTIK	29043
NP	1-2304	HALBLEITER	71570		4-1927	KRIST.FEHL.	66035		7-1727	FLUESSIGK.	58543
	6-2612	OPT.EIG.FK	73645		6-1934	KRIST.FEHL.	66035		7-2514	FK-SPEKTREN	73380
VOV VF	8-2948	STERNE	94050		11-2109	KRIST.FEHL.	66035		8-1816	FLUESSIGK.	58573
	8-2960	KOSM.PHYSIK	94510	LBJ	12-2548	MAGN.EIG.FK	69035	FABENI P	4- 586	HF-TECHNIK	27550
NAZI G	2-2704	ERDKOERPER	90260	LE	11- 860	STARKE WW.	41753	FABER TE	2- 635	KERN-MESSG.	40518
YS YH	4-2106	FK-SPEKTREN	73375		12-1112	STARKE WW.	41764		6-1736	FLUESSIGK.	58565
YN SP	4- 106	MESSEN	12200	LF	5-2036	MECH.EIG.FK	66540		10-1882	FLUESSIGK.	58570
ULA K	8-1133	KERNSEKTR.	42545		7-2008	MECH.EIG.FK	66545	FABERGE AC	12- 133	LABORTECHN.	12570
REIS K	5- 976	STARKE WW.	41764	MY	6-1297	MOLEKUELE	52540	FABIAN H	12- 881	KERN-MESSG.	40584
REYS A	6- 818	STARKE WW.	41764	NA	12-1770	PLASMA	57053	FABRE E	6-1526	PLASMA	57206
	8- 968	STARKE WW.	41730	NB	5-1671	PLASMA	57010		7-1592	PLASMA	57206
EGNO L	11- 621	KERN-MESSG.	40570		10-2153	GITTERDYN.	67060	FABRI E	9- 122	QUANTENTHEO	16516
NSCHIED WF	5-1739	FLUESSIGK.	58520	RG	6-3011	SEHEN	96620	G	2-1660	FK-SPEKTREN	73310
	10-1812	FLUESSIGK.	58520	S	1- 84	LABORTECHN.	12580	J	2-1447	PLASMA	57279
NNOSA GP	5-2273	MAGN.EIG.FK	69050		7- 804	KERN-MESSG.	40570	FABRICAND BP	6-1713	FLUESSIGK.	58557
ESITO RJ	5- 615	OPT.INSTRUM	28530	TE	12-3484	BIOPHYSIK	96040	FABRY A	7-1241	KERNREAKTIO	43092
FM JW	11-2836	FK-SPEKTREN	73320	TR	8-3028	HOEREN	96310	FACCHINI U	10-1176	KERNREAKTIO	43008
	2- 183	STATISTIK	17526	WAB	12-1646	MOLEKUELE	52550	FACIO DE B	7-1172	KERNREAKTIO	43042
	10-2245	MAGN.EIG.FK	69020	WFJ	11-3287	LUFTHUELLE	90870	FADDEEV L	11- 233	FELDTHEORIE	18040
	11-2357	MAGN.EIG.FK	69025		7- 394	WAERME	24040	LD	1- 221	QU.FELDTHEO	17030
LLSTROEM R	5-2576	FK-SPEKTREN	73325	EVANS III RB	2-1508	GASE	58025	FADEEV VV	7- 535	MASER,LASER	28040
NN VON KJ	2- 590	PHYS.OPTIK	29045		3-1109	KERNSTRHLG.	44030		10- 700	PHYS.OPTIK	29045
XX EJM	4- 589	HF-TECHNIK	27550	EVDOKIMOV IN	5-1970	KRIST.FEHL.	66035	FADEYEVA LE	4-1547	FLUESSIGK.	58565
EA	1-2767	IONOSPHAERE	91072		6-1873	KRIST.FEHL.	66010	FADIN VP	9-2022	THERMEIG.FK	67550
V	8-1800	FLUESSIGK.	58565		11-2160	KRIST.FEHL.	66079		10-2294	MAGN.EIG.FK	69040
U	10-2422	SUPRALEITG.	70520		11-3158	GRENZFL.FK	74520		11-2257	THERMEIG.FK	67553
	10-2423	SUPRALEITG.	70520		11-3209	GRENZFL.FK	74576		12-2449	THERMEIG.FK	67553
	12-2694	SUPRALEITG.	70540	VD	6- 241	ELASTIZIT.	22530	VS	4- 898	ELEMENTART.	41563
DBROOK FB	2- 200	FELDTHEORIE	18010		9-2701	GRENZFL.FK	74580		6-1542	PLASMA	57235
	10- 309	FELDTHEORIE	18040	VM	6- 372	TEILCH.OPT.	27068		9- 761	ELEMENTART.	41563
HN MJ	3- 850	STARKE WW.	41764	YV	12-1531	ATOME	52045	FADINI A	4-1428	MOLEKUELE	52510
RLING RJ	2- 814	STARKE WW.	41740		3-2100	MAGN.EIG.FK	69025		5-1374	MOLEKUELE	52510
EROWITZ L	9-2444	FK-SPEKTREN	73330	EVE K	7-2138	MAGN.EIG.FK	69025		5-1460	MOLEKUELE	52575
EVE A	11- 862	STARKE WW.	41753		12-2530	MAGN.EIG.FK	69025		11-1502	MOLEKUELE	52514
LE TL	3-1755	KRIST.FEHL.	66025	EVENSON AE	11-1424	ATOME	52035	FADLEY CS	4-1458	MOLEKUELE	52510
	12-2988	FK-SPEKTREN	73355	EVERETT KE	6- 752	STARKE WW.	41720	FAEGERQUIST U	11- 570	KERN-MESSG.	40582
	12-2989	FK-SPEKTREN	73355	GE	3-2326	SUPRALEITG.	70520	FAEHNRIK J	1-2024	DIELEKTRIKA	68020
GRADE SZWARKOPF H.	12-3247	GRENZFL.FK	74535		6-2213	FK-SPEKTREN	73360	FAEHRMANN K	4-1296	K-REAKTOREN	43515
	6-2708	GRENZFL.FK	74535		7-1814	KRISTALLE	65545	FAELDT G	4-1013	STARKE WW.	41770
UP PJ	8-2677	GRENZFL.FK	74530	JE	6-2767	GEOMAGNET.	90460	FAELTHAMMAR CG	7-2800	MAGNETOSPH.	91223
ULIN IV	9- 962	KERNSEKTR.	42555	PM	7-2207	LEITFHGK.FK	70024		9- 448	ELEKTRODYN.	26540
ARAN MA	10-1104	KERNSEKTR.	42545	VA	8- 649	OPT.INSTRUM	28545	FAERMARK MA	6-3008	SEHEN	96614
EVANT C	2-1386	PLASMA	57075	EYERHART E	8-1345	ATOME	52065	FAESSLER A	1-1154	KERNSEKTR.	42575
	4-1662	PLASMA	57070		5-2503	HALBLEITER	71570		2-1057	KERNREAKTIO	43056
	8-1645	PLASMA	57085		7- 464	TEILCH.OPT.	27030		6- 463	OPT.INSTRUM	28535
	5- 815	ELEMENTART.	41560	EVERITT AC	12-2320	KRIST.FEHL.	66076		11-1028	KERNSEKTR.	42540
	10- 929	STARKE WW.	41740	EYERHART AC	10-2576	FK-SPEKTREN	73325		12-1149	KERNSTRUKT.	42020
	9-1069	KERNREAKTIO	43070	EVERSHED BW	9- 637	KERN-MESSG.	40503		12-2858	FK-SPEKTREN	73315
ER PJ	4-2575	DUENNE SCHI	74040		7-2814	MAGNETOSPH.	91260	FAETH K	10-1704	PLASMA	57080
ERS RD	4-2061	THERMEIG.FK	67553	EVILATOR MV	12-1148	KERNSTRUKT.	42010	PA	3-2604	DUENNE SCHI	74010
	5-1748	FLUESSIGK.	58525	EVILANOV NF	2- 479	MASER,LASER	28045		9-2178	LEITFHGK.FK	70028
	7- 251	STATISTIK	17566		8-2933	FK-SPEKTREN	73355	FAGAN LD	10- 495	ELEKTRODYN.	26530
	9- 223	STATISTIK	17569	EVYARD O	4-2452	FK-SPEKTREN</					

FAIDYSH	AN	7-2430	FK-SPEKTREN	73325	FANTI	R	5-2933	KOSM.PHYSIK	94550	FAULKNER	J	10-3032	STERNE	9
		9-2591	OPT.EIG.FK	73635			5-2959	KOSM.PHYSIK	94550			11-3415	STERNE	9
FAIN	EE	10-1411	ATOME	52020	FANTI GIOVANNINI	C	5-2959	KOSM.PHYSIK	94550		JS	12-1769	PLASMA	5
	J	4-1246	KERNREAKTIO	43054							JS	4-2214	LEITFHGK.FK	7
	VM	1-1950	GITTERDYN.	67010	FARACH	HA	8-2505	FK-SPEKTREN	73350	FAULSTICH JR.	A.J.	11-2538	LEITFHGK.FK	7
		9-2186	LEITFHGK.FK	70053	FARACI	G	6-2406	KRISTALLE	65582			9- 376	WAERME	2
FAINBERG	YB	9-1528	PLASMA	57093	FARAGGI	H	10-1305	KERNREAKTIO	43080	FAUQUENOIT	C	8-1452	MOLEKUELE	5
		12-1782	PLASMA	57055	FARAGO	PS	1- 504	TEILCH.OPT.	27016	FAURE	E	6-2584	OPT.EIG.FK	7
FAINSSTEIN	GZ	4- 118	MESSEN	12230	FARBER	MS	10- 915	STARKE WW.	41730		K	5- 477	ELEKTRODYN.	2
FAIRBAIRN	AR	10-1584	MOLEKUELE	52575	FARBSSTEIN	II	1-2316	HALBLEITER	71520	FAUST	H	10-2580	FK-SPEKTREN	7
	HW	1-2680	ERDKOERPER	90210			7-2383	PHOTOLEITG.	72500			2-2851	PLANETEN	9
	WM	1- 901	STARKE WW.	41753			9-2565	OPT.EIG.FK	73610			3-2789	LUFTHUELLE	9
		1-1855	KRISTALLE	65582	FARESE	L	5-2443	HALBLEITER	71560			9-2754	LUFTHUELLE	9
FAIRBANK	HA	8-2273	LEITFHGK.FK	70045	FARGE	Y	2-1759	KRIST.FEHL.	66030		HW	7- 610	OPT.INSTRUM	2
		4-1767	FLUESSIGK.	58527			6-1908	KRIST.FEHL.	66030	FAUST JR.	JW	3-1762	KRIST.FEHL.	6
	WM	12-2705	SUPRALEITG.	70530			6-1909	KRIST.FEHL.	66030	FAVA	RA	8-1534	POLYMERE	5
		1-1742	FLUESSIGK.	58527			6-1910	KRIST.FEHL.	66030	FAVELLA	L	7- 720	PHYS.OPTIK	2
		4-1768	FLUESSIGK.	58527			7-1965	KRIST.FEHL.	66076		LF	1- 144	QUANTENTHEO	1
		5- 247	FELDTHEORIE	18020	FARGES	JP	12-1652	MOLEKUELE	52553	FAVIER	J	3- 812	STARKE WW.	4
		10- 803	BESCHLEUNIG	41030			5-2516	THERMOELEKT	72010			11- 824	STARKE WW.	4
FAIRCHILD	DE	6-1181	ATOME	52040	FARHAN	MF	5-2516	THERMOELEKT	72010	FAVINI	G	5-1451	MOLEKUELE	5
FAIRFIELD	CH	7-2801	MAGNETOSPH.	91223	FARHATAZIZ	FM	6-2713	GRENZFL.FK	74535	FAVORSKII	AP	5-1564	PLASMA	5
		11-3349	MAGNETOSPH.	91270			5-1819	FLUESSIGK.	58570		ON	9- 65	LABORTECHN.	1
	JM	2-1736	KRIST.FEHL.	66020										
FAIRHALL	AW	6-1112	KERNREAKTIO	43092	FARIS	JJ	9-1714	FLUESSIGK.	58573	FAVRE	C	11- 202	STATISTIK	1
FAIRLIE	DB	10- 243	QU.FELDTHEO	17015	FARKAS	A	1- 524	HF-TECHNIK	27500	FAVRO-	LD	5- 160	QUANTENTHEO	1
FAIRWEATHER	IL	3- 905	KERN-SPEKTR.	42510			4-2628	GRENZFL.FK	74535	FAW	RE	4-1311	KERNSTRHLG.	4
FAISAL	FHM	10-1466	ATOME	52070			5-2782	GRENZFL.FK	74570			6- 577	KERN-MESSG.	4
FAISSLER	WL	10-1129	KERNREAKTIO	43034	FARLEY	DT	7-2781	IONOSPHERE	91020			11- 624	KERN-MESSG.	4
		12- 959	ELEMENTART.	41574			8- 320	FELDTHEORIE	18030	FAWCETT	BC	10-1407	ATOME	5
FAISSNER	H	6-1106	KERNREAKTIO	43090	FARLEY JR.	DT	5-2856	IONOSPHERE	91072			10-1408	ATOME	5
FAIVILEVICH	GA	8-2109	THERMEIG.FK	67550	FARMER	DB	2-1958	DIELEKTRIKA	68000			12-1831	PLASMA	5
FAIVRE	JC	4-1087	KERN-SPEKTR.	42535			GI 11- 441	MASER, LASER	28040		E	3-2372	HALBLEITER	7
		7-1015	KERNSTRUKT.	42030	FARN	CL	2-1360	PLASMA	57040			10-2327	MAGN.EIG.FK	6
		10-1305	KERNREAKTIO	43080		CLS	10- 406	AKUSTIK	23530		W	1-2361	HALBLEITER	7
FAIZULLOV	FS	8-1817	FLUESSIGK.	58573	FARNELL	LF	1-2046	FK-SPEKTREN	73370			12-2740	HALBLEITER	7
FAKIDOV	IG	2-2150	MAGN.EIG.FK	69060	FARNOUX	B	1-2274	SUPRALEITG.	70520	FAY	D	7-1694	FLUESSIGK.	5
		3-1870	MECH.EIG.FK	66514		FC	2-1149	ATOME	52010		W	2-1846	MECH.EIG.FK	6
		6- 59	LABORTECHN.	12530			2-1202	ATOME	52075			11-2992	FK-SPEKTREN	7
FAKTOR	MM	2- 331	WAERME	24040	FARNSWORTH	DL	10- 318	FELDTHEORIE	18042	FAYARD	C	1-1202	KERNREAKTIO	4
FALALEEV	LV	4- 160	VAKUUM	13022		HE	3-1836	KRIST.FEHL.	66065			12-1370	KERNREAKTIO	4
FALCHENKO	YM	6-1785	KRISTALLE	65510			7-2630	GRENZFL.FK	74520	FAYET	JC	6-2001	KRIST.FEHL.	6
		12-3228	GRENZFL.FK	74520			10-2810	GRENZFL.FK	74535			6-2208	FK-SPEKTREN	7
FALCIANI	R	1-2790	SonnenPHYS.	93314			12-3235	GRENZFL.FK	74535			7-1955	KRIST.FEHL.	6
		1-2797	SonnenPHYS.	93328	FARNUM	EH	7-1957	KRIST.FEHL.	66070		JP	9-1289	MOLEKUELE	5
FALCONE JR.	VJ	5-1398	MOLEKUELE	52536	FARONE	WA	5- 678	PHYS.OPTIK	29043		Y	5- 503	TEILCH.OPT.	2
FALCONER	WE	10-1510	MOLEKUELE	52514			12- 727	PHYS.OPTIK	29035	FAYNOT	GM	4-2773	IONOSPHERE	9
		11-1478	ATOME	52085	FAROUK	MA	11-1298	KERNREAKTIO	43064	FAYOLLE	JC	11- 614	KERN-MESSG.	4
FALCONI	O	2- 566	PHYS.OPTIK	29040			11-1299	KERNREAKTIO	43064			12-1352	KERNREAKTIO	4
FALGE	RL	1-2378	SUPRALEITG.	70540	FAROUX	JP	1-1358	ATOME	52065	FAYOUX	ML	1- 861	STARKE WW.	4
FALICK	AM	9-1366	MOLEKUELE	52575			1-1420	ATOME	52065			3- 846	STARKE WW.	4
FALICOV	LM	1-2118	MAGN.EIG.FK	69030			2-1193	ATOME	52065			12-1002	STARKE WW.	4
		1-2232	LEITFHGK.FK	70065			5-1276	ATOME	52030	FAYYAZUDDIN		2- 831	STARKE WW.	4
		3-2104	MAGN.EIG.FK	69030			7-1339	ATOME	52065			8- 950	STARKE WW.	4
		5-2329	LEITFHGK.FK	70024	FARQUHAR	EL	12- 501	THERMODYN.	24554			10- 953	STARKE WW.	4
		7-2352	HALBLEITER	71566		IE	11- 171	STATISTIK	17520	FAZIO	GG	4-2811	ASTROPHYSIK	9
		10-2367	LEITFHGK.FK	70024			11-1374	KERNSTRHLG.	44030			8-2983	KOSM.PHYSIK	9
		11-2376	MAGN.EIG.FK	69030	FARRAKHOV	SG	11- 274	HYDRODYNAM.	23010		M	8-1203	KERNREAKTIO	4
FALK	DS	12-2522	MAGN.EIG.FK	69020	FARRALL	GA	3-1467	GASENTLADG.	57860	FAZZINI	TF	10-1220	KERNREAKTIO	4
		1-2105	MAGN.EIG.FK	69020	FARRAR	JC	3-2046	FK-SPEKTREN	73370	FAZZINI	TF	5-1086	KERN-SPEKTR.	4
		1-2164	LEITFHGK.FK	70010	FARREL	TA	9-1086	KERNREAKTIO	43092	FEARN	DG	3-1352	PLASMA	5
	G	8- 34	BUECHER	11010			11-3162	GRENZFL.FK	74530			8-1676	PLASMA	5
		10-1817	FLUESSIGK.	58525	FARREN	J	6-1221	MOLEKUELE	52580	FEAST	MM	5-2952	KOSM.PHYSIK	9
		12- 72	BUECHER	11010			9-1245	ATOME	52090	FEAUTRIER	C	12- 974	ELEMENTART.	4
	H	8- 473	THERMODYN.	24510	FARRENQ	R	1-1471	MOLEKUELE	52536		M	5-1288	ATOME	5
		8-2164	MAGN.EIG.FK	69020			2-1256	MOLEKUELE	52536	FEBEL	A	12- 900	BESCHLEUNIG	4
		11- 497	OPT.INSTRUM	28530	FARROW	RFC	3-1703	KRISTALLE	65584	FEBER	RC	11-2263	THERMEIG.FK	6
	S	6- 33	BUECHER	11010	FARSKY	V	6-1587	GASENTLADG.	57870	FECHAN	JC	1-1664	PLASMA	5
FALKENBERG	D	1-1276	K-REAKTOREN	43500	FARTHATAZIZ		3-1593	FLUESSIGK.	58570	FECHNER	J	11-1011	KERN-SPEKTR.	4
FALNEVICH	ES	7-1797	KRISTALLE	65518	FARTHING	WH	3-2836	MAGNETOSPH.	91210	FECHTIG	H	9-2888	PLANETEN	9
FALKO	II	8-2346	SUPRALEITG.	70550	FARUQI	AR	12-1109	STARKE WW.	41764	FEDAK	KG	3-2663	GRENZFL.FK	7
	VL	4-1218	FK-SPEKTREN	73360	FARWELL	CR	10- 904	STARKE WW.	41725	FEDCHENKO	DK	3-2767	KOSM.STRIG.	9
		8-2549	FK-SPEKTREN	73365	FARWIG	P	1- 677	PHYS.OPTIK	29038	FEDDER	RC	6-1813	KRISTALLE	6
FALKOFF	DL	5- 228	STATISTIK	17520			2- 625	PHYS.OPTIK	29080			10-1935	KRISTALLE	6
FALKOVICH	SE	1- 536	HF-TECHNIK	27540	FASANA	A	7-1278	KERNSTRHLG.	44033	FEDDERS	PA	1-2042	FK-SPEKTREN	7
FALKOVSKY	LA	9-1950	MECH.EIG.FK	66556	FASEL	R	3-2338	SUPRALEITG.	70560			8-2274	LEITFHGK.FK	7
FALLA	DF	6-2978	KOSM.PHYSIK	94565	FASOLO	JA	10- 773	BESCHLEUNIG	41010			11-2365	MAGN.EIG.FK	6
FALLER	JE	8- 99	MESSEN	12220	FASSBENDER	J	6- 36	BUECHER	11010	FEDELE	JB	5- 230	STATISTIK	1
		11- 244	MECHANIK	22038	FASSEL	VA	10-1526	MOLEKUELE	52520	FEDER	HM	6-1700	FLUESSIGK.	5
FALLIEROS	S	9- 919	KERN-SPEKTR.	42510	FASSNACHT	RE	4-2298	SUPRALEITG.	70540		J	8-2333	SUPRALEITG.	7
FALLON	RJ	10-3003	PLANETEN	93620			7- 84	LABORTECHN.	12540			11-2440	MAGN.EIG.FK	6
FALLON JR.	H	9-1564	PLASMA	57263	FAST	JF	7-2274	SUPRALEITG.	70530	FEDERIGHI	T	12-2206	KRISTALLE	6
FALONKIN	IV	4- 818	KERN-MESSG.	40560			3-2143	MAGN.EIG.FK	69060	FEDERMAN	P	2-1074	KERNREAKTIO	4
FALUNIN	AA	1- 496	ELEKTRODYN.	26595			9-2142	MAGN.EIG.FK	69060			3- 895	KERNSTRUKT.	4
		1- 497	ELEKTRODYN.	26595			8- 498	ELEKTRIZIT.	26030			8-1122	KERN-SPEKTR.	4
FAM	YC	9-2733	GEOMAGNET.	90450	FASTH	JE	6- 366	TEILCH.OPT.	27040			11- 951	KERNSTRUKT.	4
FAN	C	1-1233	KERNREAKTIO	43056	FASTIE	WG	3-2728	GEOMAGNET.	90470			11-1068	KERN-SPEKTR.	4
	CY	3-1139	ATOME	52030			5-2826	LUFTHUELLE	90870	FEDESEEV	GM	11- 274	HYDRODYNAM.	2
		9-2864	SonnenPHYS.	93340			12-3299	GEOMAGNET.	90470	FEDIN	EI	2-1312	FK-SPEKTREN	7
		11-3433	KOSM.PHYSIK	94530			12-3302	GEOMAGNET.	90470	FEDJAKIN	NN	1-1729	FLUESSIGK.	5
	DN	10-1683	PLASMA	57050	FASTRUP	B	8-1983	KRIST.FEHL.	66062	FEDONIN	WF	9-2332	HALBLEITER	7
	GY	11-3144	DUENNE SCHI	74060			11-1594	MOLEKUELE	52575	FEDOR	LS	5-2854	IONOSPHERE	9
	HY	9-2555	OPT.EIG.FK	73610	FATE	WA	2-2286	SUPRALEITG.	70550	FEDORCHENKO	AM	4-1675	PLASMA	5
		10-2516	PHOTOLEITG.	72510	FATEEV	AP	4- 892	BESCHLEUNIG	41040			7-1515	PLASMA	5
FANCHENKO	SD	7-1526	PLASMA	57045	FATEHALLY	R	3-2029	FK-SPEKTREN	73345			7-1600	PLASMA	5
FANDEEV	EI	8- 440	WAERME	24020	FATEYEVA	LN	4-1280	KERNREAKTIO	43080			11-1733	PLASMA	5
		10- 425	WAERME	24020	FATKULLIN	MN	6-2761	GEOMAGNET.	90440	FEDORENKO	AI	9-1154	KERNSTRHLG.	4
FANG	FF	1-2160	MAGN.EIG.FK	69080	FATSEAS	GA	6-182							

GV	7-2102	THERMEIG.FK	67550	FELDMAN	PA	7-2930	KOSM.PHYSIK	94540	FERGUSON	JM	2-1084	KERNREAKTIO	43090		
LI	10-2664	FK-SPEKTREN	73370			5-1253	ATOME	52024	RB	4-2304	SUPRALEITG.	70550			
	11-2983	FK-SPEKTREN	73370			5-1668	PLASMA	52726	WG	8-1959	KRIST.FEHL.	66035			
MB	1- 755	KERN-MESSG.	40584			7-1301	ATOME	52024	FERGUSON JR. G.A.		12-2197	KRISTALLE	65584		
VB	3-1986	THERMEIG.FK	67520			8-1317	ATOME	52024			5-1503	MOLEKUELE	52547		
	9- 818	STARKE WW.	41725			9-2857	SONNENPHYS.	93326	FERHAT	M	8-1453	MOLEKUELE	52547		
VE	12-2888	FK-SPEKTREN	73325			10-1406	ATOME	52024	FERNANDES	NC	11-2241	THERMEIG.FK	67520		
VI	8-1779	FLUESSIGK.	58550			12-1497	ATOME	52022	FERNANDEZ	A	12-2742	HALBLEITER	71510		
VV	5- 917	STARKE WW.	41740			12-1502	ATOME	52024	B	10-1294	KERNREAKTIO	43068			
YI	2-1601	DISP.SYST.	59530			6-1102	KERNREAKTIO	43085	JF	1- 239	STATISTIK	17560			
GA	1-2432	PHOTOLEITG.	72510			11-1335	KERNREAKTIO	43085			10-2256	MAGN.EIG.FK	69025		
EI	7- 293	MECHANIK	22038	FELDMANN	T	7-1899	KRIST.FEHL.	66030	FERNANDEZ NORAN	H.					
GV	11-1166	KERNREAKTIO	43005			1-2374	HALBLEITER	71540			1- 508	TEILCH.OPT.	27030		
AG	5-2769	GRENZFL.FK	74535	FELDSSTEIN	YI	2-2813	MAGNET. SPH.	91230	FERNELIUS	N	12-3062	FK-SPEKTREN	73370		
GA	4-2410	PHOTOLEITG.	72530	FELDSTEIN	YI	4-2685	GEOMAGNET.	90440	FERNIE	JD	9-2947	STERNE	94050		
	5-2539	PHOTOLEITG.	72510	FELDTKELLER	E	6-2670	DUENNE SCHI	74050			10-3058	STERNE	94050		
	12-2807	HALBLEITER	71566			11-2391	MAGN.EIG.FK	69035	FERON	J	6-1392	POLYMERE	53544		
DV	3-2620	DUENNE SCHI	74010			11-3120	DUENNE SCHI	74050	FERRAN	G	7-1924	KRIST.FEHL.	66035		
KP	2- 484	MASER, LASER	28050	FELENBOK	P	2-1246	MOLEKUELE	52524	FERRANDON	J	7- 307	ELASTIZIT.	22530		
LI	12-3390	SONNENPHYS.	93312			10-1530	MOLEKUELE	52524	FERRARESSO	G	8-2627	OPT.EIG.FK	73655		
SN	12-3173	DUENNE SCHI	74010	FELIKSON	EI	7- 296	ELASTIZIT.	22500			9-2612	OPT.EIG.FK	73655		
II	9-2068	DIELEKTRIKA	68050	FELIX	FW	7-1876	KRIST.FEHL.	66025			10-2736	OPT.EIG.FK	73655		
SP	2-2374	HALBLEITER	71563			12-2235	KRIST.FEHL.	66025			11-3044	OPT.EIG.FK	73655		
	10-2652	FK-SPEKTREN	73370	FELLENZER	H	7-1943	KRIST.FEHL.	66062	FERRARI	A	10-3066	STERNE	94060		
	11-2091	KRIST.FEHL.	66025	FELLGETT	P	6- 447	OPT.INSTRUM	28530			8- 923	STARKE WW.	41700		
	12-2994	FK-SPEKTREN	73355			6- 481	OPT.INSTRUM	28545			9- 755	ELEMENTART.	41550		
VN	10-1863	FLUESSIGK.	58557	FELLI	M	5- 664	PHYS.OPTIK	29015			11- 834	STARKE WW.	41740		
YA	2-2610	DUENNE SCHI	74040	FELS	MF	6-1238	ATOME	52070	LA		4-1719	PLASMA	57279		
SA	2-2453	OPT.EIG.FK	73605	FELSCH	KO	1- 355	HYDRODYNAM.	23040			8- 815	BESCHLEUNIG	41020		
VI	2-1420	PLASMA	57033	FELSCHKE	J	8-2012	KRIST.FEHL.	66076			12-1879	PLASMA	57273		
NS	1- 739	KERN-MESSG.	40550	FELSEN	IM	5- 68	LABORTECHN.	12510	FERRE	J	10- 498	ELEKTRODYN.	26530		
OI	11-1807	PLASMA	57263			3- 440	HF-TECHNIK	27530	FERREIRA	DV	8-1049	STARKE WW.	41783		
E	1- 160	QUANTENTHEO	16530	FELSENTHAL	P	7-1766	FLUESSIGK.	58565		EM	8- 970	STARKE WW.	41730		
	4- 292	STATISTIK	17523	FELSENREGER	T.L.						10- 167	QUANTENTHEO	16520		
J	10- 64	BUECHER	11020			11-3386	PLANETEN	93640			10- 178	QUANTENTHEO	16526		
LJ	5- 307	HYDRODYNAM.	23020	FELSNER	G	3- 816	STARKE WW.	41740			10- 185	QUANTENTHEO	16530		
DJ	7-2729	KOSM.STRLG.	90660	FELST	R	7-1214	KERNREAKTIO	43064			GL	12-3255	GRENZFL.FK	74540	
	4- 784	KERN-MESSG.	40512			11-1305	KERNREAKTIO	43064			JG	6- 990	KERNREAKTIO	42565	
U	5- 300	HYDRODYNAM.	23010	FELSTEAD	EB	8- 690	PHYS.OPTIK	29010			JL	7- 952	STARKE WW.	41753	
C	2-2872	KOSM.PHYSIK	94510	FELSZERFALVI	J	9-2616	OPT.EIG.FK	73655			LG	8-2239	LEITFHGK.FK	70024	
	5-2930	STERNE	94050	FELTEN	JE	8-3006	KOSM.PHYSIK	94580				11-2544	LEITFHGK.FK	70024	
D	7-2978	STRAHL.BIOL	97010	FELTHAM	F	2-1758	KRIST.FEHL.	66030			PL	1- 940	STARKE WW.	41760	
	10-3143	STRAHL.BIOL	97010			8-1916	KRISTALLE	65588				4- 83	UNTERRICHT	12025	
DL	4-2618	GRENZFL.FK	74535			11-2093	KRIST.FEHL.	66030				8-1020	STARKE WW.	41760	
FC	2-1346	PLASMA	57010			11-2179	MECH.EIG.FK	66556	FERREIRA DA SILVA	J.	3-1972	THERMEIG.FK	67510		
	5-1324	ATOME	52065	FELTMAN	AV	5- 715	KERN-MESSG.	40503			1-1739	FLUESSIGK.	58525		
	7-1457	MOLEKUELE	52570	FELTNER	CE	3-1314	POLYMERE	53542	FERRELL	RA	4-2030	GITTERDYN.	67060		
	10-2997	PLANETEN	93613	FELTSAN	PV	4-1389	ATOME	52070			4-2297	SUPRALEITG.	70530		
PJ	11- 217	STATISTIK	17563			9-1181	ATOME	52070			12-1954	FLUESSIGK.	58525		
WA	12-3337	LUFTHUELLE	90870	FELTY	EJ	4-2498	OPT.EIG.FK	73605			12-2069	FLUESSIGK.	58573		
E	3-1022	KERNREAKTIO	43040	FELZENBAUM	AI	10-2846	ERDKOERPER	90260	FERRER	JN	12- 624	MASER, LASER	28055		
JD	7-1319	ATOME	52040	FEMINO	S	2- 799	STARKE WW.	41730			10- 658	OPT.INSTRUM	28560		
	6-1157	ATOME	52010			6- 769	STARKE WW.	41725	FERRERO	F	2-1010	KERNREAKTIO	43026		
Y	12-3279	ERDKOERPER	90250	FENDELL	F	9- 285	HYDRODYNAM.	23020			9-1009	KERNREAKTIO	43024		
FL	2-2331	HALBLEITER	71520	FENDER	BEF	12-2509	MAGN.EIG.FK	69010	FERRETTI	A	8-2442	FK-SPEKTREN	73300		
LA	4-1565	POLYMERE	53510	FENDLEY	J	3-1867	MECH.EIG.FK	66514			I	12- 191	QUANTENTHEO	16516	
EL	7- 975	STARKE WW.	41760	FENECH	H	9-1095	K-REAKTOREN	43500	FERRIER	F	2- 238	MECHANIK	22030		
	10- 709	PHYS.OPTIK	29060	FENEUILLE	S	1-1008	KERNSTRUKT.	42070		RP	4- 550	TEILCH.OPT.	27016		
G	2- 208	FELDTHEORIE	18030			10- 203	QUANTENTHEO	16526			7-1835	KRISTALLE	65574		
	9- 729	ELEMENTART.	41540	FENG	CC	5- 307	HYDRODYNAM.	23020			9-1153	KERNSTRHLG.	44030		
RM	7-1417	MOLEKUELE	52534		SY	8- 69	UNTERRICHT	12030			12-3158	DUENNE SCHI	74010		
DA	12- 335	FELDTHEORIE	18020	FENIN	YI	10-1239	KERNREAKTIO	43046	FERRIEU	G	9-3027	HOEREN	96320		
11-2541	LEITFHGK.FK	70024	FENEMA	JWR		10-1452	ATOME	52065	FERRIS	CD	11-1874	FLUESSIGK.	58510		
3-2202	LEITFHGK.FK	70024	FENSAM	PJ		3-2615	DUENNE SCHI	74010	FERRO	A	11-2406	MAGN.EIG.FK	69040		
4-2487	OPT.EIG.FK	73610	FENSKE	G		9- 372	WAERME	24040	FERRO LUZZI	M	3- 865	STARKE WW.	41773		
8-2442	FK-SPEKTREN	73300	FENSTER	S		2- 707	ELEMENTART.	41546			10- 949	STARKE WW.	41753		
11-2965	FK-SPEKTREN	73370				11- 873	STARKE WW.	41755	FERRONI	E	10-1623	POLYMERE	53540		
6-1627	FLUESSIGK.	58520	FENSTERMAKER	C.A.		12- 928	ELEMENTART.	41546	FERRY	DK	3-2399	HALBLEITER	71540		
10-1946	KRISTALLE	65545				11-1621	POLYMERE	53542			12-2786	HALBLEITER	71540		
10-1478	ATOME	52075				9-1363	MOLEKUELE	52575			JA	3-1054	KERNREAKTIO	43054	
12- 729	PHYS.OPTIK	29040	FENTON	AG		6-2958	KOSM.PHYSIK	94540	FERSE	A	1-1524	POLYMERE	53550		
11- 603	KERN-MESSG.	40538		EW		3-2189	HALBLEITER	71520	FERT	A	10-2409	LEITFHGK.FK	70076		
3-2855	SONNENPHYS.	93312				3-2490	FK-SPEKTREN	73325	FERTEL	JH	6-2554	FK-SPEKTREN	73340		
1-1542	PLASMA	57026				2-2739	KOSM.STRLG.	90630	FERZIGER	JH	5- 237	STATISTIK	17540		
4-1595	PLASMA	57026	FENYES	KB		6-2781	KOSM.STRLG.	90636			6-1590	GASE	58010		
9-1111	K-REAKTOREN	43515		E		8-1163	KERNSEKTR.	42565			6-1627	FLUESSIGK.	58520		
11-3418	KOSM.PHYSIK	94510	FEODILOV	PP		1-2521	OPT.EIG.FK	73610			10-1664	PLASMA	57030		
12-1813	PLASMA	57085				3- 8	BIOGRAPHIEN	10216	FESENKO	EG	2-1717	KRISTALLE	65588		
9-2340	THERMOELEKT	72010				3-2546	OPT.EIG.FK	73610		VV	5- 425	THERMODYN.	24510		
12-3346	IONOSPHERE	91020				6-2583	OPT.EIG.FK	73620	FESER	K	6- 463	OPT.INSTRUM	28535		
9- 880	STARKE WW.	41780				6-2593	OPT.EIG.FK	73635		S	12-1562	ATOME	52070		
4- 650	MASER, LASER	28060	FEOKTISTOV	AI		7-2432	FK-SPEKTREN	73325	FESHACH	H	2- 913	KERNSTRUKT.	42040		
2-1616	KRISTALLE	65510		VT		9-2600	OPT.EIG.FK	73635			2-1001	KERNREAKTIO	43005		
12- 833	KERN-MESSG.	40565				11-1101	KERNSEKTR.	42555			4-1075	KERNSEKTR.	42500		
12-3277	ERDKOERPER	90250				1- 302	MECHANIK	22038			4-1177	KERNREAKTIO	43008		
4- 992	STARKE WW.	41760	FEOKTISTOVA	NN		2-1870	MECH.EIG.FK	66556			4-1234	KERNREAKTIO	43050		
10- 555	MASER, LASER	28035	FEOLA	JM		11-3500	STRAHL.BIOL	97000			6- 883	KERNSTRUKT.	42040		
7- 513	HF-TECHNIK	27550	FER	F		2- 718	ELEMENTART.	41550			8-1077	KERNSTRUKT.	42045		
10-1142	KERNSEKTR.	42560				5- 422	THERMODYN.	24510			11-1170	KERNREAKTIO	43008		
2-1444	PLASMA	57250				5- 423	THERMODYN.	24510			12-1147	KERNSTRUKT.	42010		
8- 502	ELEKTIZIT.	26050	FERBEL	T		1- 885	STARKE WW.	41745	FESQUET	J	1- 676	PHYS.OPTIK	29035		
2-1211	ATOME	52065				4- 939	STARKE WW.	41725			10- 134	MATH.PHYSIK	16040		
6-1992	KRIST.FEHL.	66065				10- 915	STARKE WW.	41730	FESSEL	R	7- 777	KERN-MESSG.	40532		
12-2081	FLUESSIGK.	58595	FERCHMIN	AR		3-2641	DUENNE SCHI	74050	FESSENDEN	P	2-1029	KERNREAKTIO	43044		
12- 430	HYDRODYNAM.	23030	FERDINAND	AE		2-2079	MAGN.EIG.FK	69025			11-1175	KERNREAKTIO	43008		
9-1933	MECH.EIG.FK	66540				11- 186	STATISTIK	17526			TJ	1-1697	PLASMA	57085	
10-2114	MECH.EIG.FK	66550	FERDINANDE	HM		6- 938	KERNSEKTR.	42545	FESTENBERG	V. C.	5-2368	LEITFHGK.FK	70056		
3-1152	ATOME	52045		R		4- 826	KERN-MESSG.	40570			10-2050	KRIST.FEHL.			

FETTER AL	11-2612 SUPRALEITG.	70520	FILIPPI AT	4- 458 AKUSTIK	23550	FINNELL JR. JT	4- 84 UNTERRICHT	1
FEUCHTWANG TE	3-1903 GITTERDYN.	67010	FILIPPOV P	10- 247 QU.FELDTHEO	17020	FINNEMORE DK	1-1981 THERMEIG.FK	1
	3-1904 GITTERDYN.	67010	BN	6-2242 MAGN.EIG.FK	69030		1-2283 SUPRALEITG.	1
FEUERBACHER B	7-2671 GRENZFEL.FK	74570		8-2084 GITTERDYN.	67060	FINNEY JL	6-1651 FLUESSIGK.	1
	10-2792 DUENNE SCHI	74060	EI	6- 714 ELEMENTART.	41563		8-2113 THERMEIG.FK	1
	10-2793 DUENNE SCHI	74060	ES	4-2066 THERMEIG.FK	67556	P	8- 968 STARKE WW.	1
	11-3143 DUENNE SCHI	74060	GM	9-2035 THERMEIG.FK	67550	PJ	6- 818 STARKE WW.	1
FEUERHAKE I	10-3150 STRAHL.BIOL	97010		1-1651 PLASMA	57070	FINNIE I	12- 103 LABORTECHN.	1
FEUILLADE G	3- 83 LABORTECHN.	12580		7-1275 KERNSTRHLG.	44030	FINOCCHIARO G	3- 848 STARKE WW.	1
FEUVRAIS L	10-1288 KERNREAKTIO	43064	LP	8- 461 WAERME	24050		11- 885 STARKE WW.	1
	12-1370 KERNREAKTIO	43064	NN	11- 242 MECHANIK	22032		12-1110 STARKE WW.	1
FEW AA	7-2761 LUFTHUELLE	90880	NV	1-1698 GASENTLADG.	57810	FINTINARU N	9- 367 WAERME	1
FEWELL TR	12- 861 KERN-MESSG.	40584		8-1663 PLASMA	57206	FINZI A	9-2943 STERNE	1
FEYNNAN RP	11- 763 STARKE WW.	41700	OK	11-1834 GASENTLADG.	57860		10- 495 ELEKTRODYN.	1
FIALA I	8-2143 DIELEKTRIKA	68030	VA	9-2746 KOSM.STRLG.	90633	LA	6-1546 PLASMA	1
W	2- 665 KERN-MESSG.	40584	TI	1-1698 GASENTLADG.	57810	U	1-2756 IONOSPHAERE	1
FIALKO EI	8-2896 PLANETEN	93630		8-1663 PLASMA	57206	FIOLCOO	11-1664 PLASMA	1
FIARMAN S	11-1280 KERNREAKTIO	43056	FILKOV LV	6- 806 STARKE WW.	41755		3-2177 KERNSTRHLG.	1
FIAT D	4-2617 GRENZFEL.FK	74535		9- 769 ELEMENTART.	41572	FIORINI A	1- 957 STARKE WW.	1
	9-1690 FLUESSIGK.	58557	FILLER AS	6- 471 OPT.INSTRUM	28545	E	2- 789 STARKE WW.	1
	11-1931 FLUESSIGK.	58557	FILLINGHAM PJ	6-2246 MAGN.EIG.FK	69035		6- 909 KERNSPEKTR.	1
	12-1981 FLUESSIGK.	58530	FILLIUS RW	3-2722 GEOMAGNET.	90440		7- 860 ELEMENTART.	1
FIBICH M	7-2192 LEITFHGK.FK	70010	FILLO JA	12- 481 WAERME	24050		10- 904 STARKE WW.	1
	11-2347 MAGN.EIG.FK	69025	FILONENKO NN	9-1933 MECH.EIG.FK	66540	P	12-2206 KRISTALLE	1
	11-2348 MAGN.EIG.FK	69025		10-1746 PLASMA	57263	FIORINO JA	10-1526 MOLEKUELE	1
FICALORA PJ	12-1576 ATOME	52090	FILTHUTH H	3- 764 ELEMENTART.	41574	FIORY AT	1-2284 SUPRALEITG.	1
FICARRA A	5-2944 KOSM.PHYSIK	94520		7- 792 KERN-MESSG.	40555		4-2308 SUPRALEITG.	1
FICENEC JR	3- 808 STARKE WW.	41730		10- 949 STARKE WW.	41753	FIQUED FAYARD F.	11-1598 MOLEKUELE	1
	12-1028 STARKE WW.	41730	FINAGINA IL	12- 140 VAKUUM	13013	FIQUET FAYARD F.	10-1593 MOLEKUELE	1
FICHER LM	9-1949 MECH.EIG.FK	66556	FINCH CB	12-2978 FK-SPEKTREN	73355		4-1802 FLUESSIGK.	1
FICHTEL CE	6-2774 KOSM.STRLG.	90630	ED	12-2024 FLUESSIGK.	58557	FIREBAUGH MS	6-2894 PLANETEN	1
	7-2719 KOSM.STRLG.	90610	RD	3-1546 FLUESSIGK.	58527	FIREMAN EL	11-1421 ATOME	1
	8-2866 SONNENPHYS.	93340	C	6-2638 DUENNE SCHI	74010	FIRESTER AH	3- 866 STARKE WW.	1
FICKEL HR	10- 999 STARKE WW.	41783	FINCK	6-2650 DUENNE SCHI	74020	FIRESTONE A	5- 980 STARKE WW.	1
FICKINGER WJ	3- 788 STARKE WW.	41725		10-1122 KERNSPEKTR.	42555		12-1122 STARKE WW.	1
	6- 822 STARKE WW.	41767	FINCKH E	5-1433 MOLEKUELE	52524	FIRK FWK	1-1182 KERNREAKTIO	1
FIDECARO G	10- 933 STARKE WW.	41745	FINDLAY FD	10-1735 PLASMA	57235		11-1193 KERNREAKTIO	1
FIDONE I	2-1386 PLASMA	57075	DO	7- 302 ELASTIZIT.	22520		12-1203 KERNSPEKTR.	1
	4-1662 PLASMA	57070	AD	11-2648 SUPRALEITG.	70530	FIRKOVSKII R	4- 823 KERN-MESSG.	1
	8-1645 PLASMA	57085	HL	3-2696 GRENZFEL.FK	74583		12- 842 KERN-MESSG.	1
FIEBIG R	5-1207 K-REAKTOREN	43540		9-2696 GRENZFEL.FK	74566		3- 696 KERN-MESSG.	1
	5-1208 K-REAKTOREN	43540	ME	5-1895 FK-SPEKTREN	73310	FIRKOWSKI R	4-1008 STARKE WW.	1
FIEBIGER M	2-1034 KERNREAKTIO	43046		12-2573 MAGN.EIG.FK	69060		1-1210 KERNREAKTIO	1
FIEDELDEY H	12- 215 QUANTENTHEO	16550		4- 354 MECHANIK	22038	FIRSOV EI	10-1238 KERNREAKTIO	1
	12-1144 KERNSTRUKT.	42010	FINEGOLD L	10-1589 MOLEKUELE	52580	EW	1-1418 ATOME	1
FIEDLER K	8-2673 GRENZFEL.FK	74530	FINEMAN MA	1-1131 KERNSPEKTR.	42565	OB	10-2806 GRENZFEL.FK	1
	7-1863 KRISTALLE	55888	FINGER M	4- 738 PHYS.OPTIK	29038	VG	4- 894 ELEMENTART.	1
	5-1955 KRIST.FEHL.	66025	FINGERLAND A	5-2567 FK-SPEKTREN	73325	YA	7-2246 LEITFHGK.FK	1
	8-1930 KRIST.FEHL.	66025	FINI TR	1-1110 KERNSPEKTR.	42560		9-2449 FK-SPEKTREN	1
	9-1846 KRIST.FEHL.	66025	FINK CL	1-1251 KERNREAKTIO	43070		10-2385 LEITFHGK.FK	1
FIELD C	11-3428 KOSM.PHYSIK	94520		9- 643 KERN-MESSG.	40510		12-2655 LEITFHGK.FK	1
G	6- 680 ELEMENTART.	41546	EH	4-1514 MOLEKUELE	52560	FIRSOVA MM	5-1859 KRISTALLE	1
GB	7-2918 KOSM.PHYSIK	94520		9-1338 MOLEKUELE	52560	FIRSTOV SA	11-2185 MECH.EIG.FK	1
	11-3425 KOSM.PHYSIK	94520	EL	8-2630 OPT.EIG.FK	73670	FIRTH EW	4-1564 HF-TECHNIK	1
GR	6-2531 FK-SPEKTREN	73330	HJ	3-2277 SUPRALEITG.	70520	IM	9- 373 WAERME	1
JE	3-1873 MECH.EIG.FK	66516		3-2280 SUPRALEITG.	70510	M	3- 70 LABORTECHN.	1
MJ	8-2792 IONOSPHAERE	91020	HL	3-2286 SUPRALEITG.	70520	DB	8-2040 MECH.EIG.FK	1
RC	6- 688 ELEMENTART.	41546		3-2296 SUPRALEITG.	70520	E	11- 728 ELEMENTART.	1
FIELD JR. RL	8- 600 MASER,LASER	28055		11-2609 SUPRALEITG.	70520	FISCHBECK HJ	3- 941 KERNSPEKTR.	1
FIELDEN EM	9-1384 MOLEKUELE	52580	J	3-1656 FK-SPEKTREN	73310		4-2211 LEITFHGK.FK	1
FIELDER DS	11-1205 KERNREAKTIO	43026	M	4-1132 KERNSPEKTR.	42565		6-2289 LEITFHGK.FK	1
	6-2907 PLANETEN	93640	RD	6-1352 MOLEKUELE	52575	FISCHEL D	7-2914 KOSM.PHYSIK	1
	7-2877 PLANETEN	93640		12-1680 MOLEKUELE	52575	B	1-1328 KERNSTRHLG.	1
	12-3415 PLANETEN	93640	RW	3-1036 KERNREAKTIO	43046	C	8- 968 STARKE WW.	1
FIELDHOUSE P	6-1727 FLUESSIGK.	58560		3-1037 KERNREAKTIO	43046	CR	2- 731 ELEMENTART.	1
	5-1145 KERNREAKTIO	43048		4-1112 KERNSPEKTR.	42555		10-1439 ATOME	1
	7-1248 KERNREAKTIO	43092		9- 925 KERNSPEKTR.	42515	D	1- 506 TEILCH.OPT.	1
	12- 765 KERN-MESSG.	40503		10-1080 KERNSPEKTR.	42545	DF	5- 78 LABORTECHN.	1
FIELDING PE	5-1944 KRIST.FEHL.	66015		11-1089 KERNSPEKTR.	42555	DW	8-2459 FK-SPEKTREN	1
FIELDS PR	8-1176 KERNSPEKTR.	42575		12- 778 KERN-MESSG.	40512	E	3-2279 SUPRALEITG.	1
T	3- 697 KERN-MESSG.	40555	U	11-1441 ATOME	52060		6-2358 SUPRALEITG.	1
	10- 990 STARKE WW.	41770	J	9-1183 ATOME	52024		9-1390 MOLEKUELE	1
	10-1010 STARKE WW.	41790	M	12-1008 STARKE WW.	41725		10-1218 MECH.EIG.FK	1
FIERMANS L	3-1754 KRIST.FEHL.	66025	VA	1-2006 THERMEIG.FK	67556	EW	8-1507 POLYMERE	1
	5-2354 LEITFHGK.FK	70045		7-2090 THERMEIG.FK	67530	F	1-1875 KRIST.FEHL.	1
	5-2751 GRENZFEL.FK	74520		8-1919 KRISTALLE	65588		8- 618 OPT.INSTRUM	1
FIESCHI R	6-1889 KRIST.FEHL.	66025	VM	9-2173 LEITFHGK.FK	70024		10- 731 KERN-MESSG.	1
FIEZ J	6-2144 DIELEKTRIKA	68020		2-1731 KRIST.FEHL.	66035	G	1-2092 FK-SPEKTREN	1
WA	3-2287 SUPRALEITG.	70520	FINKELBERG VM	5-2042 MECH.EIG.FK	66540		1-2093 FK-SPEKTREN	1
FIFE PC	11- 298 HYDRODYNAM.	23030		3- 116 MATH.PHYSIK	16040		5-2343 LEITFHGK.FK	1
FIGAT RA	8-2197 MAGN.EIG.FK	69050		5- 239 STATISTIK	17540		5-2424 SUPRALEITG.	1
FIGDOR HC	8- 768 KERN-MESSG.	40530	FINKELSSTEIN A.I.	4-1483 MOLEKUELE	52536		8-2318 SUPRALEITG.	1
FIGGER H	1-1090 KERNSPEKTR.	42550	EI	8- 345 MECHANIK	22032		8-2339 SUPRALEITG.	1
FIGGINS R	6-1712 FLUESSIGK.	58557	J	5-1630 PLASMA	57206		9-2234 SUPRALEITG.	1
FIGUEIREDO DE R.J.P.	2- 92 QUANTENTHEO	16520	FINKELSTEIN D	3- 791 STARKE WW.	41725		10-2376 LEITFHGK.FK	1
FIGUERA AS	9-1060 KERNREAKTIO	43064		5- 184 QUANTENTHEO	16582		11- 741 ELEMENTART.	1
FIGUREAU A	6- 781 STARKE WW.	41735	L	9- 167 QUANTENTHEO	16582	GE	9- 772 ELEMENTART.	1
FIKHMANN RF	3-2404 HALBLEITER	71540	RJ	12-1444 KERNSTRHLG.	44010	R	4- 500 THERMODYN.	1
FIKHTENGOLTS I.G.	1- 282 FELDTHEORIE	18045		9- 146 QUANTENTHEO	16550		5- 844 ELEMENTART.	1
FIL VD	10-2446 SUPRALEITG.	70550	FINKEN D	1-1340 ATOME	52010		7- 789 KERN-MESSG.	1
FILARETOV GA	9-2328 HALBLEITER	71570	FINKENRATH H	12- 965 ELEMENTART.	41574		8-1503 POLYMERE	1
	11-2696 HALBLEITER	71530		1-2302 HALBLEITER	71566		8-1613 PLASMA	1
	12-3143 OPT.EIG.FK	73645		2-2475 FK-SPEKTREN	73330		9-1577 GASENTLADG.	1
FILATKINA LA	6-2621 OPT.EIG.FK	73670		8-2073 GITTERDYN.	67020	HA	5-1781 FLUESSIGK.	1
FILATOV AJ	6- 558 KERN-MESSG.	40512	FINKIN EF	12-3221 GRENZFEL.FK	74510	J	4- 817 KERN-MESSG.	1
FILATOVA LD	9-2061 DIELEKTRIKA	68030	P	8- 894 ELEMENTART.	41574		8- 184 QUANTENTHEO	1
FILBY JD	4-2541 DUENNE SCHI	74010	E	2-1257 MOLEKUELE	52538		8-1728 FLUESSIGK.	1
	4-2550 DUENNE SCHI	74010	FINLAY RW	10-1219 KERNREAKTIO	43044		10- 899 STARKE WW.	1
FILICE AL	6-2905 PLANETEN	93640	DM	6-2341 LEITFHGK.FK	70065		11- 880 STARKE WW.	1
FILIMONOV AA	8-2566 FK-SPEKTREN	73380	TR	11-2619 SUPRALEITG.	70540	JE	7-2423 FK-SPEKTREN	1
GD	3-1954 GITTERDYN.	67060		12-2589 MAGN.EIG.FK	69065		10- 677 OPT.INSTRUM	1
GF	1- 499 ELEKTRODYN.	26595	VA	5-1658 PLASMA	57260	K	2-2248 LEITFHGK.FK	1
YA	9- 896 KERNSTRUKT.	42020	AC	2- 753 ELEMENTART.	41580	M	1- 743 KERN-MESSG.	1
FILINSKI I	11-2839 FK-SPEKTREN	73320	BS	5- 12 BIOGRAPHIEN	10220		1- 953 STARKE WW.	1
FILIPCHENKO AS	3-2413 HALBLEITER	71550	EJ	12- 77 BUECHER	11010		5- 973 STARKE WW.	1
FILIPESCU D	3- 649 PHYS.OPTIK	29070	GD	9-2817 STERNE	94025	P	1-1852 KRISTALLE	1
N	6- 399 MASER,LASER	28040		9-2841 SONNENPHYS.	93314	PHH	1-1504 MOLEKUELE	1
FILIPKOWSKI A	10-1011 STARKE WW.	41790		9-2842 SONNENPHYS.	93314	TE	6-2727 GRENZFEL.FK	1
FILIPOV PI	4- 821 KERN-MESSG.	40560	TF	11-3398 STERNE	94020	W	2- 326 WAERME	1
FILIPOVICH VA	5- 552 MASER,LASER	28040		11-2574 LEITFHGK.FK	70056		4-1909 KRIST.FEHL.	1
FILIPPAS TA	5- 897 STARKE WW.	41730						

ER	W	7- 282	MECHANIK	22030	FITZGERALD DJ	3-2666	GRENZFL.FK	74520	FLEURY	P	11- 789	STARKE WW.	41725
		7-2374	THERMOELEKT	72010		5-2507	HALBLEITER	71580		PA	5-2077	GITTERDYN.	67040
		10-1953	KRISTALLE	65560	ER	9-1968	GITTERDYN.	67060			10-2564	FK-SPEKTREN	73325
		10-1954	KRISTALLE	65560	R	8- 774	KERN-MESSG.	40535			12-3094	OPT.EIG.FK	73600
	WE	11- 25	BUECHER	11010	TM	3-1938	GITTERDYN.	67060	Flicker	M	3- 244	STATISTIK	17563
		2- 884	STARKE WW.	41770	HG	6-2192	FK-SPEKTREN	73555			6- 105	QUANTENTHEO	16526
		3- 848	STARKE WW.	41764	FITZSIMMONS WA	5-1498	ATOME	52035			11-2351	MAGN.EIG.FK	69025
		6- 837	STARKE WW.	41770	FIVAZ	3-1694	KRISTALLE	69580	FLIEDNER	TM	5- 27	TANGUNEN	10580
HOFF	E	10-3118	KOSM.PHYSIK	94583		6-2419	HALBLEITER	71566	FLIEGEL	HS	10-2957	ASTROPHYSIK	93030
LER	H	1-2858	HOEREN	96310	RC	11-2659	METAL.LEITG	71010	FLIGEL	DF	4-2796	MAGNETOSPH.	91226
		5-2985	HOEREN	96310	FIVEISKAYA AK	8- 603	MASER,LASER	28055			5-2860	IONOSPHERE	91076
	S	1-2385	HALBLEITER	71563	FIVEISKII EV	9-2028	THERM.EIG.FK	67550			9-2816	IONOSPHERE	91076
MAN	JM	6-1923	KRIST.FEHL.	66035	FIVEISKY YD	1- 888	STARKE WW.	41748	FLINN	I	7-2365	HALBLEITER	71580
	CV	4-1716	PLASMA	57253	FIXMAN	7-1658	GASE	58025		PA	1-1953	GITTERDYN.	67020
		8- 133	LABORTECHN.	12570		10-1563	MOLEKUELE	52550			3-2124	MAGN.EIG.FK	69040
	FF	8-2870	PLANETEN	93610	FJAELLBRANT T	2- 450	HF-TECHNIK	27540			9-1786	KRISTALLE	69572
ANE	PM	3- 999	KERNREAKTIO	43005	FLACHENECKER G	3- 451	HF-TECHNIK	27530	FLINNER	JL	11-2812	FK-SPEKTREN	73310
IN	L	5-1640	PLASMA	57010	FLAGG	4-1690	PLASMA	57203	FLIPO	R	7- 60	MESSEN	12250
URNE	ES	5-1471	MOLEKUELE	52575	FLAHAUT J	8-1917	KRISTALLE	65588	FLIPPEN	RB	1-2198	LEITFHGK.FK	70053
		12-1683	MOLEKUELE	52575	FLAKUS	6- 548	KERN-MESSG.	40510			5-2279	MAGN.EIG.FK	69060
HUK	DI	2-2717	GEOMAGNET.	90430	FLAM	9- 500	MASER,LASER	28040	FLOCH LE	A	6-1196	ATOME	52035
R	A	6- 940	KERN-SPEKT.	42545	FLAMAND G	1- 258	FELDTHEORIE	18020			9- 530	MASER,LASER	28055
	B	5-2515	THERMOELEKT	72010		5- 944	STARKE WW.	41753	FLOCK	WL	5-2845	IONOSPHERE	91045
	CL	5- 578	MASER,LASER	28055	FLAMANT Y	12-1371	KERNREAKTIO	43064	FLOOD	EA	8- 381	HYDRODYNAM.	23020
	CM	6- 818	STARKE WW.	41764	FLAMINIO E	1- 954	STARKE WW.	41764			12-3227	GRENZFL.FK	74520
		8- 782	KERN-MESSG.	40555		5- 949	STARKE WW.	41755		WF	4-2360	HALBLEITER	71566
	DE	6-2891	PLANETEN	93630	FLAMM	11- 809	STARKE WW.	41730	FLORENT	P	6-2317	LEITFHGK.FK	70053
	DL	6-1554	PLASMA	57260		3- 750	ELEMENTART.	41550			4- 429	HYDRODYNAM.	23060
	GP	1- 802	ELEMENTART.	41546		6- 809	STARKE WW.	41760			11- 305	HYDRODYNAM.	23040
		4- 968	STARKE WW.	41745	FLAMMANG NK	12-1088	STARKE WW.	41755	FLORES	R	7- 792	KERN-MESSG.	40555
		5- 869	STARKE WW.	41710		9- 950	KERN-SPEKT.	42545		J	1- 129	QUANTENTHEO	16516
		5- 921	STARKE WW.	41745		11- 585	KERN-MESSG.	40518			7-1019	KERNSTRUKT.	42070
IZ		12-1959	FLUESSIGK.	58525	FLAMMERSFELD A	1-1080	KERN-SPEKT.	42550	FLORES MALDONADO V.		5- 903	STARKE WW.	41740
LM		2-1871	MECH.EIG.FK	66556		1-1092	KERN-SPEKT.	42555			2-2098	MAGN.EIG.FK	69035
		8-2065	MECH.EIG.FK	66556		1-1093	KERN-SPEKT.	42555	FLORESCU	V	12- 922	ELEMENTART.	41543
ME		2-2079	MAGN.EIG.FK	69025		5-1169	KERNREAKTIO	43080			9-1336	MOLEKUELE	52553
		5-2235	MAGN.EIG.FK	69025		8-2662	DUENNE SCHI	74060	FLORIN	AE	12-1985	FLUESSIGK.	58530
		5-2236	MAGN.EIG.FK	69025		9- 966	KERN-SPEKT.	42560	FLORINSKAYA VA	SA	8-2059	MECH.EIG.FK	66550
		8- 481	THERMODYN.	24536	FLANAGAN	11-1082	KERN-SPEKT.	42555			8-2062	MECH.EIG.FK	66553
		8-1740	FLUESSIGK.	58525		12-2893	HOEREN	96320	FLORY	PJ	8-1537	POLYMERE	53546
		9-2146	MAGN.EIG.FK	69060		1- 453	THERMODYN.	24554	FLOTOW	HE	3-1967	THERMEIG.FK	67510
P		1-2384	HALBLEITER	71563		10-2811	GRENZFL.FK	74535			7-2075	THERMEIG.FK	67510
		5-2586	FK-SPEKTREN	73330		12-2300	KRIST.FEHL.	66065			9- 363	WAERME	24023
		6-2450	HALBLEITER	71563		4-1927	KRIST.FEHL.	66035			10-2172	THERMEIG.FK	67510
		7-2028	MECH.EIG.FK	66556		6-1934	KRIST.FEHL.	66035	FLoux	F	1-1664	PLASMA	57206
PC		4-2876	KOSM.PHYSIK	94540	FLANDERS	11-2109	KRIST.FEHL.	66035	FLOWER	DR	6-1205	ATOME	52070
		11-3434	KOSM.PHYSIK	94540		4-2184	MAGN.EIG.FK	69060		JR	5-1813	FLUESSIGK.	58565
PD		12-3026	FK-SPEKTREN	73365		11-2410	MAGN.EIG.FK	69040		BH	6- 893	KERNSTRUKT.	42070
PMJ		10- 505	TEILCH.OPT.	27000		11-2476	MAGN.EIG.FK	69060	FLOWERS	JW	9-1584	GASENTLADG.	57810
PS		1-1224	KERNREAKTIO	43054	FLANDRE	6- 545	KERN-MESSG.	40503	FLOYD	ER	10-2105	MECH.EIG.FK	66545
		1-1228	KERNREAKTIO	43054	FLANNERY	8-1552	PLASMA	57010	FLUECKIGER K		3-2358	HALBLEITER	71505
		7-1178	KERNREAKTIO	43044		11-1593	MOLEKUELE	52575	FLUEGGE	RA	3-1155	ATOME	52045
		7-1196	KERNREAKTIO	43054		12- 175	MATH.PHYSIK	16040		S	9-1355	MOLEKUELE	52575
RA		4-2188	MAGN.EIG.FK	69060	FLARD	10- 937	STARKE WW.	41748			2-1233	MOLEKUELE	52512
		7-1706	FLUESSIGK.	58530	FLATO	2- 76	QUANTENTHEO	16516	FLUENDY	MAD	4- 73	BUECHER	11030
		7-2176	MAGN.EIG.FK	69060		5- 154	QUANTENTHEO	16523			1-1432	ATOME	52085
		7-1706	MAGN.EIG.FK	69060	FLATTE	5- 966	STARKE WW.	41764	FLUITMAN	HJ	2-2300	METAL.LEITG	71010
RM		6- 226	ELASTIZIT.	22510		10- 870	ELEMENTART.	41574	FLUR	B	11-3125	DUENNE SCHI	74050
		6-1860	MAGN.EIG.FK	69060		12-1027	STARKE WW.	41730		BL	4-2589	DUENNE SCHI	74050
		10- 513	TEILCH.OPT.	27030	FLAUGER	11- 754	ELEMENTART.	41576	FLUSS	M	11-1331	KERNREAKTIO	43080
S		3-2758	KOSM.STRLG.	90633	FLAUTT	12-2029	FLUESSIGK.	58557		NJ	12-1391	KERNREAKTIO	43080
		4-2703	KOSM.STRLG.	90630	FLAUGER	4-2728	LUFTHUELLE	90840	FLYAGIN	VB	11- 608	KERN-MESSG.	40555
TR		6-1059	KERNREAKTIO	43048	FLAUGER	2-2629	DUENNE SCHI	74065	FLYGARE	WH	9-1394	MOLEKUELE	52510
		11-1231	KERNREAKTIO	43048	FLEAGLE	12-1328	KERNREAKTIO	43045	FLYNN	CP	6-2175	FK-SPEKTREN	73370
		11-1232	KERNREAKTIO	43048	FLECHSIG	12-1329	KERNREAKTIO	43040		DR	9-1697	FLUESSIGK.	58560
ER JR.	W	5-2292	MAGN.EIG.FK	69065	FLECK	3- 985	KERN-SPEKT.	42570			7- 392	THERMEIG.FK	67520
KOVA	LM	6-2801	LUFTHUELLE	90820		8-1135	KERN-SPEKT.	42550			7- 393	WAERME	24050
MAN	GJ	10-2981	PLANETEN	93610		1-1191	KERNREAKTIO	43030			8- 458	THERMEIG.FK	67520
		11-3437	KOSM.PHYSIK	94540	FLEISCHER	10-2863	KOSM.STRLG.	90600	ER		3- 989	KERN-SPEKT.	42570
	IM	10-2609	FK-SPEKTREN	73340		10- 121	VAKUUM	13022			4-1153	KERN-SPEKT.	42570
	IS	5-1283	ATOME	52045	FLEISCHMAN O	1- 920	STARKE WW.	41755	HG		8- 404	HYDRODYNAM.	23070
		11-1784	PLASMA	57210		2- 836	STARKE WW.	41753	JB		10-2403	OPT.EIG.FK	73605
WICK	A	10-1011	STARKE WW.	41790		4- 186	QUANTENTHEO	16516	KF		4-1287	KERNREAKTIO	43092
	GA	7-1465	MOLEKUELE	52575	FLEISCHMANN HH	5-1316	ATOME	52065	TM		3-2340	SUPRALEITG.	70560
	HE	6- 687	ELEMENTART.	41546		9-1428	PLASMA	57010	FLYTANIS	C	9-2548	OPT.EIG.FK	73605
		12-1121	STARKE WW.	41770		2-1587	FLUESSIGK.	58568			10- 723	PHYS.OPTIK	29080
	F	8-1792	FLUESSIGK.	58557		2-2574	DUENNE SCHI	74010			10-1938	KRISTALLE	65545
	VI	1-2213	LEITFHGK.FK	70056		12-2059		58658	FOA	E	11-2993	FK-SPEKTREN	73380
		2-1709	KRISTALLE	65584		3- 709	BESCHLEUNIG	41020	FOCACCI	MN	6- 318	THERMODYN.	24554
		6-2582	FK-SPEKTREN	73330		4-1263	KERNREAKTIO	43064			1- 743	KERN-MESSG.	40560
		9-2285	HALBLEITER	71530		7-1105	KERN-SPEKT.	42560			1- 953	STARKE WW.	41764
		11-2681	HALBLEITER	71520	FLEMING	6- 779	STARKE WW.	41735	FOCARDI	S	5- 897	STARKE WW.	41730
	M	12- 748	PHYS.OPTIK	29060		4- 670	OPT.INSTRUM	28530			11- 888	STARKE WW.	41764
IRE	RK	7- 98	VAKUUM	13016		10-2867	KOSM.STRLG.	90630	FOCAS	JH	10-2976	PLANETEN	93610
		8- 146	VAKUUM	13016		10-2775	DUENNE SCHI	74040			10-2994	PLANETEN	93613
	VL	3- 729	ELEMENTART.	41540		2-1329	POLYMERE	53535	FOCH	H	5- 520	HF-TECHNIK	27540
		4- 867	ELEMENTART.	41540		11-1613	POLYMERE	53535			6-1770	DISP.SYST.	59510
		4- 901	ELEMENTART.	41566	FLEROV	2- 995	KERN-SPEKT.	42570			5-1709	GASE	58030
		6- 666	ELEMENTART.	41540		3-1091	KERNREAKTIO	43092	FOCK	V	1- 267	FELDTHEORIE	18040
		8- 829	STARKE WW.	41767		4-1285	KERNREAKTIO	43090		VA	6-1281	MOLEKUELE	52516
		8- 861	ELEMENTART.	41546		6- 601	KERN-MESSG.	40570			8- 549	HF-TECHNIK	27530
		8- 869	ELEMENTART.	41546		8-1178	KERN-SPEKT.	42575	FOCT	JA	4-1991	MECH.EIG.FK	66545
	WS	8-2945	STERNE	94050		10-1171	KERN-SPEKT.	42575	FODY	SA	5-2814	KOSM.STRLG.	90633
HEM	DB	11-2202	MECH.EIG.FK	66556		10-1245	KERNREAKTIO	43048	FOELSCHKE	HJ	1- 760	BESCHLEUNIG	41020
		12-2934	FK-SPEKTREN	73340		12-1297	KERN-SPEKT.	42575	FOEPPL	H	7-2711	GEOMAGNET.	90460
	RC	12- 469	AKUSTIK	23540	FLESCHE	5-1136	KERNREAKTIO	43044	FOERSTE	D	7- 640	OPT.INSTRUM	28550
	WL	1- 722	KERN-MESSG.	40512	FLEISCHER	3- 89	VAKUUM	13010		J	1- 449	THERMODYN.	24552
		3-1182	MOLEKUELE	52575		4- 417	HYDRODYNAM.	23040			2-1565	FLUESSIGK.	58546
		3-1269	MOLEKUELE	52575		3- 742	ELEMENTART.	41546	FOERSTER	S	4-2137	MAGN.EIG.FK	69010
		5-1249	ATOME	52070		8-1051	STARKE WW.	41790		H	6- 39	BUECHER	11020
		11-1416	ATOME	52024									

FOGLIO	ME	2-1323	FLUESSIGK.	58557	FONTANA	PR	4-1424	ATOME	52075	FORWOOD	CT	9-2473	FK-SPEKTREN	
		8-1444	MOLEKUELE	52543			7-1287	ATOME	52010			10-2092	MECH.EIG.FK	
		9-1331	MOLEKUELE	52547	FONTANEL	A	12-3314	LUFTHUELLE	90810	FOSDICK	RL	10- 431	WAERME	
FOGLIZZO	R	6-2540	FK-SPEKTREN	73330	FONTANESI	M	6-1443	PLASMA	57050			12- 392	ELASTIZIT.	
FOHL	CL	12- 412	HYDRODYNAM.	23020	FONTANILLE	M	10-1610	POLYMERE	53530	FOSKETT	R	5- 283	ELASTIZIT.	
FOILES	T	7-2376	THERMOELEKT	72010			10-1611	POLYMERE	53530	FOSS	J	1- 934	STARKE WW.	
		10-2314	MAGN.EIG.FK	69060			10-1612	POLYMERE	53530	FOSSAN	DB	3- 918	KERNSPEKTR.	
		12-2826	THERMOELEKT	72010	FONTANNAZ	M	7-1006	KERNSTRUKT.	42010			11-1054	KERNSPEKTR.	
FOIN	C	10-1152	KERNSPEKTR.	42565	FONTELL	A	3- 701	KERN-MESSG.	40580			12-1211	KERNSPEKTR.	
		11-1091	KERNSPEKTR.	42555	FONTES	P	10-1251	KERNREAKTIO	43054	FOSSATI	F	2-1093	KERNREAKTIO	
FOISSEL	P	1-1128	KERNSPEKTR.	42565	FONTIJN	A	2-1292	MOLEKUELE	52575	FOSSHEIM	K	1-2267	SUPRALEITG.	
		10-1276	KERNREAKTIO	43058	FOOKS	J	7-2776	IONOSPHERE	91040	FOSSUM	HJ	8-2436	PHOTOLEITG.	
FOK	MY	11-3024	OPT.EIG.FK	73635			10-2855	GEOMAGNET.	90440	FOSTER	JD	11- 446	MASER, LASER	
FOK CHICK	YB	10- 430	WAERME	24040	FOOTE	HL	10- 619	OPT.INSTRUM	28500			12- 103	LABORTECHN.	
FOKIN	NT	7- 480	TEILCH.OPT.	27054	FORBES	FF	1- 618	OPT.INSTRUM	28526			10- 399	HYDRODYNAM.	
FOKKER	AD	12-3385	SONNENPHYS.	93312			11-2180	MECH.EIG.FK	66545			12-3141	OPT.EIG.FK	
FOLAND	WD	2-1190	ATOME	52070			1-1505	MOLEKUELE	52547			9-2703	GEOPHYSIK	
		2-1199	ATOME	52070	FORCHERI	S	2-1582	FLUESSIGK.	58565			1-2603	DUENNE SCHI	
		7-1347	ATOME	52070			12-2047	FLUESSIGK.	58565			7-1932	KRIST.FEHL.	
		10-1473	ATOME	52070	FORCINAL	D	12- 802	KERN-MESSG.	40520	FOSTER JR.	DG	2- 895	KERNSTRUKT.	
FOLDS	DL	11- 326	AKUSTIK	23500	FORD		4- 519	ELEKTRIZIT.	26030	FOTCHENKOV	AA	10-2223	DIELEKTRIKA	
FOLDY	LL	10-1025	KERNSTRUKT.	42020			12-2714	SUPRALEITG.	70530	FOTIADI	AE	11- 593	MASER, LASER	
FOLEY	KJ	1- 857	STARKE WW.	41725			11-1563	MOLEKUELE	52560			EE	3-2719	GEOMAGNET.
		2- 784	STARKE WW.	41725			FC	12-1769	PLASMA			CM	7-1096	KERNSPEKTR.
		4-1012	STARKE WW.	41767			GW	12- 313	STATISTIK				10-1300	KERNREAKTIO
		5- 909	STARKE WW.	41740			K	5- 55	UNTERRICHT				10-1261	KERNREAKTIO
	WT	12-2329	MECH.EIG.FK	66512			RE	3- 329	HYDRODYNAM.			J	1-1063	KERNSPEKTR.
FOLEY FISHER J.A.							SD	7- 607	OPT.INSTRUM				7-1220	KERNREAKTIO
		2-2895	SEHEN	96614			WF	1- 176	QUANTENTHEO				10-1106	KERNSPEKTR.
FOLIN	KG	7- 545	MASER, LASER	28045			WT	1- 804	ELEMENTART.				10-1259	KERNREAKTIO
		10- 584	MASER, LASER	28045	FORD JR.	JLC	2-1056	KERNREAKTIO	43056				10-1260	KERNREAKTIO
		12- 613	MASER, LASER	28045			4-1272	KERNREAKTIO	43075	FOUASSIER	C	7-1858	KRISTALLE	
FOLLAND	DF	11-1879	FLUESSIGK.	58510			2-2819	ASTROPHYSIK	93020	FOUCHE	F	5- 394	WAERME	
	NO	1-2185	LEITFHGK.FK	70028	FORDEMALT	WK	10-2750	DUENNE SCHI	74010			9-2691	GRENZFL.FK	
		11-2534	HALBLEITER	71560	FOREMAN	AJE	6-1941	KRIST.FEHL.	66035	FOUCHER	R	10-1125	KERNSPEKTR.	
FOLMAN	M	4-2617	GRENZFL.FK	74535			11-1331	KERNREAKTIO	43080	FOULDS	KWH	3- 449	HF-TECHNIK	
		12-1981	FLUESSIGK.	58530	FOREMAN JR.	JW	12- 409	HYDRODYNAM.	23010	FOULKE	LR	9-1109	K-REAKTIOREN	
FOLMEEV	AV	12- 609	MASER, LASER	28045	FOREST	H	1-1107	KERNSPEKTR.	42555	FOUNTAIN	CW	4- 149	LABORTECHN.	
FOLMESHKIN VN		2- 757	ELEMENTART.	41586			2- 643	KERN-MESSG.	40520			LS	3- 334	AKUSTIK
		3- 736	ELEMENTART.	41543			2- 647	KERN-MESSG.	40538	FOURACE	RA	10-2922	IONOSPHERE	
		6- 206	FELDTHEORIE	18010			5-1059	KERNSPEKTR.	42550	FOURCADE	N	7-1371	ATOME	
		11- 772	STARKE WW.	41700			6- 579	KERN-MESSG.	40520			11-1479	ATOME	
FOLTIN	J	10-2404	LEITFHGK.FK	70072	FOREST DE JR. T.		1-1196	KERNREAKTIO	43034	FOURDEUX	A	9-1798	KRISTALLE	
FOLTZ	ND	5-1824	FLUESSIGK.	58573			8-1194	KERNREAKTIO	43030	FOURE	M	12-2209	KRISTALLE	
		8-1811	FLUESSIGK.	58573			11-2637	SUPRALEITG.	70550	FOURET	R	1-1969	GITTERDYN.	
		11-1866	GASE	58060			9- 524	MASER, LASER	28055			5- 676	PHYS.OPTIK	
FOLZ	WC	3-2836	MAGNETOSPH.	91210	FORGAN	EM	6-1980	KRIST.FEHL.	66062	FOURIE	JT	6-2058	MECH.EIG.FK	
FOMALONT	EB	12-3468	KOSM.PHYSIK	94550	FORGO	G	10-1204	KERNREAKTIO	43024			10-2113	MECH.EIG.FK	
FOMENKO	BA	8-1605	PLASMA	57050	FORGUE	V	11-1204	KERNREAKTIO	43024	FOURNEAUX	R	8-2093	THERMEIG.FK	
		11-1696	PLASMA	57045	FORINA		1- 955	STARKE WW.	41764	FOURNET	G	3-2331	SUPRALEITG.	
	DE	1-1221	KERNREAKTIO	43052	FORINO	A	10- 919	STARKE WW.	41735			4-2307	SUPRALEITG.	
	OP	2- 685	BESCHLEUNIG	41040			10- 982	STARKE WW.	41764			6-2360	SUPRALEITG.	
	VS	6-2724	GRENZFL.FK	74566			11- 827	STARKE WW.	41735	FOURNEY	ME	11-2628	SUPRALEITG.	
FOMICHEV	EN	5-2115	THERMEIG.FK	67510			4- 632	MASER, LASER	28055			12- 701	OPT.INSTRUM	
	NN	12- 691	MASER, LASER	28060	FORK	RL	8- 570	MASER, LASER	28035	FOURNIER	D	10- 904	STARKE WW.	
	OI	7-1992	MECH.EIG.FK	66516			8- 571	MASER, LASER	28035			G	10-1747	PLASMA
	VA	1-1487	MOLEKUELE	52526			8- 597	MASER, LASER	28055			JT	3-2496	FK-SPEKTREN
		1-2444	FK-SPEKTREN	73315			10- 591	MASER, LASER	28055	FOURNOUT	J	6- 436	MASER, LASER	
		1-2449	FK-SPEKTREN	73315	FORKER	M	8-1135	KERNSPEKTR.	42550	FOURRIER	A	2- 986	KERNSPEKTR.	
		1-2450	FK-SPEKTREN	73315	FORKMAN	B	6-1033	KERNREAKTIO	43026			4-1141	KERNSPEKTR.	
		6-2508	FK-SPEKTREN	73315			11-1206	KERNREAKTIO	43026	FOUSEK	A	8-2144	DIELEKTRIKA	
		7-2413	FK-SPEKTREN	73315			2- 542	OPT.INSTRUM	28566	FOULDER	AB	5- 614	OPT.INSTRUM	
		11-2833	FK-SPEKTREN	73315	FORKNER	JF	5-2201	FK-SPEKTREN	73355			1-2160	MAGN.EIG.FK	
		11-3151	DUENNE SCHI	74065	FORMAN	B	1- 885	STARKE WW.	41745			11-2205	MECH.EIG.FK	
		12-2863	FK-SPEKTREN	73315			4- 939	STARKE WW.	41725			12-2647	LEITFHGK.FK	
FOMICHYOV	VV	1-2796	SONNENPHYS.	93326			8- 945	STARKE WW.	41725			EC	5- 880	STARKE WW.
FOMIN	VA	9- 625	PHYS.OPTIK	29063			10- 915	STARKE WW.	41730			GN	10- 272	STATISTIK
	IA	7-1700	FLUESSIGK.	58525			6- 448	OPT.INSTRUM	28530			JL	6-1050	KERNREAKTIO
		9-1655	FLUESSIGK.	58527			8- 647	OPT.INSTRUM	28545			11-1224	KERNREAKTIO	
	NV	1-1995	THERMEIG.FK	67530			4-2095	FK-SPEKTREN	73370			JM	8- 68	UNTERRICHT
		3-2437	HALBLEITER	71570			11-2857	FK-SPEKTREN	73325			JW	4- 135	LABORTECHN.
	PI	9- 204	QU.FELDTHEO	17040	FORMANEK	J	5- 853	STARKE WW.	41700			M	1-2164	LEITFHGK.FK
		12- 353	FELDTHEORIE	18042			7- 881	ELEMENTART.	41574				2- 120	QUANTENTHEO
FOMINA	YA	12-2248	KRIST.FEHL.	66025			7- 911	STARKE WW.	41725				9-2235	SUPRALEITG.
FOMINIKH	MA	6-2787	KOSM.STRLG.	90640			11-1435	ATOME	52060			PH	3-2732	KOSM.STRLG.
FOMINIKH	VI	12-2825	THERMOELEKT	72010	FORMANN	E	5-2959	KOSM.PHYSIK	94550			RD	4-2293	KERN-MESSG.
FOMINIKH	VI	6- 996	KERNSPEKTR.	42565	FORMIGGINI	L	2-1188	ATOME	52075				6-2381	SUPRALEITG.
FOMUSHKIN	VI	7- 817	KERN-MESSG.	40584	FORNACA	G	7- 670	PHYS.OPTIK	29000			RG	1- 483	ELEKTRODYN.
FONDA	L	6- 587	KERN-MESSG.	40532			9-2533	FK-SPEKTREN	73380			TK	3-1385	PLASMA
		4- 250	QUANTENTHEO	16585	FORNASAR	HJ	9- 75	LABORTECHN.	12580				5-1571	PLASMA
		4-1181	KERNREAKTIO	43008	FORNWALD	F	7-1528	PLASMA	57045			TR	10-1116	KERNSPEKTR.
		8- 264	QU.FELDTHEO	17025	FOROUGH	F	2- 650	KERN-MESSG.	40520			WA	6-2954	KOSM.PHYSIK
FONER	S	10- 204	QUANTENTHEO	16575	FORREEST	JR	12-1893	GASENTLADG.	57840				7-2880	SONNENPHYS.
		1- 468	ELEKTRIZIT.	26030			12- 604	MASER, LASER	28045			JA	11- 307	HYDRODYNAM.
		3-2079	FK-SPEKTREN	73365			10- 407	AKUSTIK	23530			JD	5-1064	KERNSPEKTR.
		3-2148	MAGN.EIG.FK	69060	FORRESTAL	MJ	4-1404	ATOME	52065			11-1273	KERNREAKTIO	
		5-2278	MAGN.EIG.FK	69060	FORST	G	3-1223	MOLEKUELE	52530			JG	1- 59	MESSEN
		5-2360	LEITFHGK.FK	70053			12-1582	MOLEKUELE	52510			JM	10-2911	LUFTHUELLE
		6-2231	MAGN.EIG.FK	69025			2-2153	MAGN.EIG.FK	69060			JN	8- 88	UNTERRICHT
		9- 420	ELEKTRIZIT.	26016			3-2139	MAGN.EIG.FK	69050			K	3-1126	ATOME
		10-2322	MAGN.EIG.FK	69065	FORSTAT	H	12-2568	MAGN.EIG.FK	69060			M	7- 396	WAERME
		11-2295	MAGN.EIG.FK	69060			11-1258	KERNREAKTIO	43052				12- 18	BIOGRAPHIEN
		11-2461	MAGN.EIG.FK	69060	FORSTER	HH	1-1248	KERNREAKTIO	43066			R	2-2889	KOSM.PHYSIK
		12-2587	MAGN.EIG.FK	69065			11-1513	MOLEKUELE	52516			RB	11-1646	POLYMERE
FONG	CY	3-2000	DIELEKTRIKA	68020			11-2858	FK-SPEKTREN	73325			RL	10-1455	ATOME
		8-2517	FK-SPEKTREN	73355			5-2275	MAGN.EIG.FK	69050			RA	6- 235	ELASTIZIT.
		11-2998	OPT.EIG.FK	73605			10-2233	MAGN.EIG.FK	69010				7-1997	MECH.EIG.FK
	D	1- 884	STARKE WW.	41745	FORSYTH	JB	9- 519	MASER, LASER	28055	FOX	D	7- 49	BUCHER	
	FP	9-2573	OPT.EIG.FK	73625			5-2849	IONOSPHERE	91050			OC	1- 181	QUANTENTHEO
	FK	5-2645	OPT.EIG.FK	73625			1- 617	OPT.INSTRUM	28526				3- 171	QUANTENTHEO
	P	4-1283	KERNREAKTIO	43090	FORSYTHE	JB	12- 867	BESCHLEUNIG	41020			GT	7-2082	THERMEIG.FK
	R	11- 93	QUANTENTHEO	16526	FORTE	E	5- 658	PHYS.OPTIK	29010			JA	11- 307	HYDRODYNAM.
FONKICH	ME	9-2418	FK-SPEKTREN	73325										

FOYT - FREYHARDT

AG	3-2398	HALBLEITER	71566	FRANKENA	HJ	3- 443	HF-TECHNIK	27530	FREEMAN	AJ	1-1367	ATOME	52030	
	6-2443	HALBLEITER	71540	FRANKENTHAL	S	3-2844	MAGNETOSPH.	91230			1-1387	ATOME	52030	
ASSINI	H	3- 191	QU.FELDTHEO	17010	FRANKEVICH	DP	10-2000	KRISTALLE	65588		9-1769	KRISTALLE	65545	
KOWIAK	D	1-1496	MOLEKUELE	52585		EL	1-2379	HALBLEITER	71560		9-2516	FK-SPEKTREN	73370	
IN	FY	5-1949	KRIST.FEHL.	66020			7-2552	OPT.EIG.FK	73630		10-2261	MAGN.EIG.FK	69025	
UKIN	DM	1- 142	QUANTENTHEO	16516			9-2584	OPT.EIG.FK	73630		10-2362	LEITFHGK.FK	70024	
EE	4- 651	MASER,LASER	28060	FRANKFURT	LL	10-2522	PHOTOLEITG.	72510	BE	12- 730	PHYS.OPTIK	29040		
	4- 757	PHYS.OPTIK	29053		SG	1-1474	MOLEKUELE	52536	CG	9-1374	MOLEKUELE	52575		
	8- 590	MASER,LASER	28045	FRANKISS	DR	2-2641	GRENZFL.FK	74520	DE	2-1281	MOLEKUELE	52528		
	10- 559	MASER,LASER	28035	FRANKL		4-2370	HALBLEITER	71570	GR	2-1578	FLUESSIGK.	58560		
	12- 641	MASER,LASER	28055	FRANKLIN	A	3- 739	ELEMENTART.	41546		10-1897	FLUESSIGK.	58570		
MI	3-2754	KOSM.STRLG.	90633		AD	3- 737	ELEMENTART.	41546	JH	11-2132	KRIST.FEHL.	66065		
	3-2865	SONNENPHYS.	93340			7-2116	DELEKTRIKA	68020	JJ	12-2963	FK-SPEKTREN	73355		
	8-2978	KOSM.PHYSIK	94530			9- 740	ELEMENTART.	41546	JM	7-1395	MOLEKUELE	52514		
UNKEL	BS	12-1502	ATOME	52024		FA	10- 336	MECHANIK	22010		12-1206	KERN-SPEKTR.	42540	
	GK	8-1448	MOLEKUELE	52547		HN	8-1524	POLYMERE	53540	MP	10-1767	PLASMA	57279	
	LE	4- 415	HYDRODYNAM.	23040		J	3- 170	QUANTENTHEO	16578		12-1737	PLASMA	57017	
	Z	5-1181	KERNREAKTIO	43092			6- 748	STARKE WW.	41710	NC	3- 232	STATISTIK	17540	
		5-1182	KERNREAKTIO	43092		JL	8-1368	ATOME	52090		8-1576	PLASMA	57026	
		9- 994	KERNREAKTIO	43005			8-1369	ATOME	52090	NJ	1- 747	KERN-MESSG.	40570	
		12-1406	KERNREAKTIO	43092			12-1908	GASENTLADG.	57880		6- 602	KERN-MESSG.	40570	
	S	1-1343	ATOME	52010		RM	12-1893	GASENTLADG.	57840		11-1378	KERNSTRHLG.	44030	
		3-1143	ATOME	52010		W	3-1726	KRIST.FEHL.	66010	PI	9-2526	FK-SPEKTREN	73370	
		4-1345	ATOME	52010	FRANKOWSKI	K	3-1117	ATOME	52010	R	6-1363	MOLEKUELE	52550	
		4-1349	ATOME	52010			4- 761	PHYS.OPTIK	29060		6-1369	MOLEKUELE	52550	
		4-1373	ATOME	52027	FRANKS	A	8- 710	PHYS.OPTIK	29038	S	7-1449	MOLEKUELE	52553	
		7-1289	ATOME	52010			12- 672	OPT.INSTRUM	28535		3- 601	PHYS.OPTIK	29000	
STEIN V. C	5- 706	PHYS.OPTIK	29066		F	6-1680	FLUESSIGK.	58540		10-2255	MAGN.EIG.FK	69025		
CP	1- 841	STARKE WW.	41700		J	7- 648	OPT.INSTRUM	28553	FREEMAN JR. JW	5-2864	MAGNETOSPH.	91230		
WE	4-1174	KERNREAKTIO	43005		LA	5-1377	MOLEKUELE	52510	FREESE	CH	12-1432	K-REAKTORM	43520	
	6-1014	KERNREAKTIO	43008		RK	2-2375	HALBLEITER	71563	FREHAUT	J	10-1325	KERNREAKTIO	43092	
	6-1092	KERNREAKTIO	43075	FRANSEN	JB	7- 118	VAKUUM	13060	FREI	EH	1-2658	HOEREN	96310	
MAN	YE	12-1383	KERNREAKTIO	43075	FRANSSON	K	8-1164	KERN-SPEKTR.	42565		10-3130	BIOPHYSIK	96040	
SSARD	J	8-2100	THERMEIG.FK	67520			10-1147	KERN-SPEKTR.	42565		1-1836	LEITFHGK.FK	70022	
		2-2019	FK-SPEKTREN	73370			10-1150	KERN-SPEKTR.	42565		6-2295	LEITFHGK.FK	70022	
		8- 343	MECHANIK	22032	FRANTSESSON	AV	12-2995	FK-SPEKTREN	73355	FREIBERG	RJ	4- 635	MASER,LASER	28055
TOVA D	8-2172	MAGN.EIG.FK	69025	FRANTZ	J	8-1239	KERNREAKTIO	43080			12- 623	MASER,LASER	28055	
TOVNIKOVA	A.A.			FRANZ	FA	3- 491	MASER,LASER	28035	FREIBERGER	A	8-2687	GRENZFL.FK	74535	
	12-2828	THERMOELEKT	72010			6-1226	ATOME	52065	FREIBRUN	RA	1- 527	HF-TECHNIK	27530	
PTON PH	2- 786	STARKE WW.	41725		JR	2-2167	MAGN.EIG.FK	69070			3- 623	PHYS.OPTIK	29035	
J	4-1128	KERN-SPEKTR.	42560	FRANZBLAU	MC	6-2461	HALBLEITER	71570	FREIDBERG	JP	9-1478	PLASMA	57055	
	6- 961	KERN-SPEKTR.	42560			3- 470	HF-TECHNIK	27560	FREIDGEIM	NI	2- 48	LABORTECHN.	12515	
	6- 974	KERN-SPEKTR.	42560			6-2213	FK-SPEKTREN	73360	FREIE	HG	1-2467	FK-SPEKTREN	73325	
	6- 975	KERN-SPEKTR.	42560			7-1814	KRISTALLE	65545	FRIESLEBEN	H	6- 585	KERN-MESSG.	40532	
ESCHETTO M.	6- 224	MECHANIK	22034	FRANZEN	HF	2-1949	THERMEIG.FK	67556	FREIK	DM	7-2588	DUENNE SCHI	74010	
ESCHI DE G.					W	10-1458	ATOME	52070	FREIMAN	YA	12-2250	KRIST.FEHL.	66025	
	10- 945	STARKE WW.	41753	FRANZINI	P	7- 980	STARKE WW.	41764	FREINDL	L	2-1080	KERNREAKTIO	43080	
CEY	RJ	6-2958	KOSM.PHYSIK	94540			7- 981	STARKE WW.	41764	FREISER	MJ	12-2881	FK-SPEKTREN	73325
CHINI	PF	5-1821	FLUESSIGK.	58570	FRANZKE	B	5-1473	ATOME	52085	FREITAS	PACHECO	DE J.A.		
CHINI	M	12-2046	FLUESSIGK.	58565			12-1675	MOLEKUELE	52575		10-3065	STERNE	94050	
CIS	G	1-1611	PLASMA	57055	FRASER	BJ	10-2944	MAGNETOSPH.	91260	FREIWALD	DA	4-1689	PLASMA	57202
	JM	3-1457	PLASMA	57256		GM	2- 775	STARKE WW.	41720	FREMIOT	M	7-1923	KRIST.FEHL.	66035
CK	EU	12-2165	KRISTALLE	65572		HJ	9- 697	SCHLEUNIG	41020	FREMQUW	EJ	3-2827	IONOSPHERE	91050
	JP	7-1783	FLUESSIGK.	58576		JS	11-1315	KERNREAKTIO	43068	FRENCH	B	8- 985	STARKE WW.	41745
		5-2052	MECH.EIG.FK	66556		PA	12-1564	ATOME	52070		BR	6- 790	STARKE WW.	41745
		6-2365	SUPRALEITG.	70520		RS	12-3328	LUFTHUELLE	90860		DC	1- 272	FELDTHEORIE	18042
		8-2340	SUPRALEITG.	70550	FRASER SMITH	A.C.					FW	5-2038	MECH.EIG.FK	66545
	UF	5-1784	FLUESSIGK.	58546			8-2730	GEOMAGNET.	90450		IP	5- 528	HF-TECHNIK	27560
CKEN	JC	3- 420	TEILCH.OPT.	27062	FRASIER	CW	6-2747	ERDKOERPER	90240		JB	1- 244	STATISTIK	17563
		8- 144	VAKUUM	13016	FRATER	KR	7- 327	HYDRODYNAM.	23020			7- 996	KERNSTRUKT.	42000
CO	V	2-1810	KRIST.FEHL.	66079	FRATI	W	1- 825	ELEMENTART.	41566		JD	12-1097	STARKE WW.	41762
		1- 932	STARKE WW.	41760			2- 788	STARKE WW.	41725		JM	3- 535	MASER,LASER	28055
		10-1460	ATOME	52070			4- 997	STARKE WW.	41764	RA	2-2267	SUPRALEITG.	70520	
COIS	M	6-1715	FLUESSIGK.	58557	FRATIello	A	6-1718	FLUESSIGK.	58557	FRENKEL	L	3- 487	MASER,LASER	28030
COMBE	MH	3-2602	DUENNE SCHI	74010	FRATUCELLO	G	10-2292	MAGN.EIG.FK	69040			7- 564	MASER,LASER	28055
		3-2605	DUENNE SCHI	74010	FRAUENFELDER	H	10-1160	KERN-SPEKTR.	42570			10- 593	MASER,LASER	28055
		6-1853	KRISTALLE	65584	FRAUTSCHI	S	7- 877	ELEMENTART.	41574	FRENKIEL	FN	1- 357	HYDRODYNAM.	23040
		11-3076	DUENNE SCHI	74020			8- 917	STARKE WW.	41700			6- 261	HYDRODYNAM.	23040
CON	M	2- 511	OPT.INSTRUM	28526		SC	11- 777	STARKE WW.	41720	FRENKIN	AR	10- 887	STARKE WW.	41720
		2- 557	OPT.INSTRUM	28570			8-1014	STARKE WW.	41755		EI	2-1332	POLYMERE	53540
		2- 576	PHYS.OPTIK	29020	FRAYER	FM	11-2872	FK-SPEKTREN	73330	FRENNE DE	D	1-1105	KERN-SPEKTR.	42555
EAU	J	7- 678	PHYS.OPTIK	29020	FRAZER	BC	2-1861	MECH.EIG.FK	66553			4-1104	KERN-SPEKTR.	42550
EGIAN	AA	12-1189	KERN-SPEKTR.	42515			3-1916	GITTERDYN.	67020			8-1152	KERN-SPEKTR.	42560
OK	CW	1-1332	KERNSTRHLG.	44035			7-1837	KRISTALLE	65576			9- 971	KERN-SPEKTR.	42560
	FC	12-3236	GRENZFL.FK	74535			7-2024	MECH.EIG.FK	66553			11-1109	KERN-SPEKTR.	42560
		6-2026	MECH.EIG.FK	66516			10-2122	MECH.EIG.FK	66553	FRENZEL	C	12-2368	MECH.EIG.FK	66553
		7-2020	MECH.EIG.FK	66550			10-2230	MAGN.EIG.FK	69010		CA	9-1317	MOLEKUELE	52540
		7-2698	GEOMAGNET.	90400		RF	3- 706	KERN-MESSG.	40584	FREON	A	4-2704	KOSM.STRLG.	90633
		6-1037	KERNREAKTIO	43032		WR	9- 773	ELEMENTART.	41574	FRERE LE	JP	4-1634	PLASMA	57053
H	IM	3- 19	BIOGRAPHIEN	10230	FRAZZOLI	F	8-2507	FK-SPEKTREN	73350	FRETTER	WB	10- 904	STARKE WW.	41725
LA		2-2721	GEOMAGNET.	90440	FREDDI	A	10- 453	FLUESSIGK.	58527	FREUD	R	2-2275	SUPRALEITG.	70530
RC		5-2295	MAGN.EIG.FK	69070	FREDE	H	3-2553	OPT.EIG.FK	73605			11-2632	SUPRALEITG.	70530
RI		3-2651	DUENNE SCHI	74060	FREDERICK	CL	1-2831	KOSM.PHYSIK	94520			12-2696	SUPRALEITG.	70540
SGF		12-1016	STARKE WW.	41725		DE	2-1008	KERNREAKTIO	43020		D	12-3246	GRENZFL.FK	74535
		12-1017	STARKE WW.	41725	FREDERICKS	WJ	7-1882	KRIST.FEHL.	66025	FREUDENTHAL	J	3-1323	PLASMA	57010
		5-1994	KRIST.FEHL.	66065	FREDERIKSE	HPR	1-2192	LEITFHGK.FK	70028			3-1346	PLASMA	57030
		6-2042	MECH.EIG.FK	66540			1-2230	HALBLEITER	71520			5-1708	GASE	58025
		5- 157	QUANTENTHEO	16526			3-2324	SUPRALEITG.	70540			6-1620	GASE	58095
KAMENECKI	J.D.A.						3-2376	HALBLEITER	71520	FREUND	HG	1-2063	FK-SPEKTREN	73375
KAMENETSKII	D.A.	8-2947	STERNE	94050	FREDERKING	THK	2- 3	BIOGRAPHIEN	10212		HU	9- 956	KERN-SPEKTR.	42555
		3-1407	PLASMA	57080			3- 355	WAERME	24060		I	9- 562	OPT.INSTRUM	28530
		4-1605	PLASMA	57040			5-1792	FLUESSIGK.	58555			11-2990	FK-SPEKTREN	73380
		9- 450	ELEKTRODYN.	26540	FREDKIN	DR	9-1652	FLUESSIGK.	58527	P	3- 764	ELEMENTART.	41574	
KAMENETSKII	D.A.				FREDRICKS	RW	11-1880	FLUESSIGK.	58557	PGO	1- 769	ELEMENTART.	41510	
		11-3346	MAGNETOSPH.	91250			2-1399	PLASMA	57085			1- 898	STARKE WW.	41753
KAMENETSKY	D.A.						9-2814	IONOSPHERE	91074			2- 850	STARKE WW.	41755
		5-1585	PLASMA	57070			9-2815	IONOSPHERE	91076			3- 763	ELEMENTART.	41574
KAMENEZKI	D.A.				FREED	C	1- 584	MASER,LASER	28055			3- 839	STARKE WW.	41755
		2- 29	BUECHER	11010		JF	10- 631	OPT.INSTRUM	28530			7- 962	STARKE WW.	41755

FREYHEIT PJ	9-1572 PLASMA	57279	FRIEDMAN MH	12-1111 STARKE WW.	41764	FROMHOLD JR. A.T.	1-2588 DUENNE SCHI	74
FREYMAN R	5-2550 FK-SPEKTREN	73330	N	4-2588 DUENNE SCHI	74050		6-2628 DUENNE SCHI	74
	10-1546 MOLEKUELE	52538	WA	8-1181 KERNREAKTIO	43005	T	2-2011 FK-SPEKTREN	73
FREYMUTH P	11-271 HYDRODYNAM.	23010	Z	2-1683 KRISTALLE	65576	FROMM	6- 74 VAKUUM	13
FREYTAG E	1- 933 STARKE WW.	41760	GB	4- 95 UNTERRICHT	12035	E	12-1288 KERNSPEKTR.	42
	2- 890 STARKE WW.	41783	H	8-1860 KRISTALLE	65545	WD	8-1547 PLASMA	57
	5- 773 BESCHLEUNIG	41000	FRIEDRICH E	8-3038 STRAHL.BIOL	97010	L	6- 658 ELEMENTART.	41
FRIAR JL	1- 851 STARKE WW.	41720	K	6-1775 FK-PHYSIK	65000	C	7- 195 QU.FELDTHEO	17
FRIAU W	11-1875 FLUESSIGK.	58510	M	9-2676 GRENZFL.FK	74535		8-1011 STARKE WW.	41
FRIACK O	8-1111 KERNSPEKTR.	42540	EA	1-1691 PLASMA	57263	J	11- 160 QU.FELDTHEO	17
	11-1050 KERNSPEKTR.	42545		3-1382 PLASMA	57055	J	11- 675 ELEMENTART.	41
FRICKE H	9-1373 MOLEKUELE	52575		8- 287 STATISTIK	17523	J	10- 823 BESCHLEUNIG	41
HW	10- 547 HF-TECHNIK	27595		11- 180 STATISTIK	17523	J	11-2290 DIELEKTRIKA	68
J	2- 525 OPT.INSTRUM	28545		11-1722 PLASMA	57055	CJ	11-2867 FK-SPEKTREN	73
	2- 976 KERNSPEKTR.	42560		12-1777 PLASMA	57055	RF	4-1204 KERNREAKTIO	43
	2-1187 ATOME	52075	FRIES BA	7- 322 HYDRODYNAM.	23020		4-1205 KERNREAKTIO	43
	6-1226 ATOME	52065	RJ	4-2064 THERMEIG.FK	67556		9-1012 KERNREAKTIO	43
	12-1570 ATOME	52075	FRIESEM AJ	8- 666 OPT.INSTRUM	28570		10-1209 KERNREAKTIO	43
JE	11-3482 HOEREN	96310	H	2- 535 OPT.INSTRUM	28560		10-1212 KERNREAKTIO	43
K	12-3439 STERNE	94030	RG	10-2752 DUENNE SCHI	74010		11- 881 STARKE WW.	41
MP	7-1191 KERNREAKTIO	43054	FRIECHTENICHT J.F.	6-1218 ATOME	52065	AA	9-1258 MOLEKUELE	52
	11-1241 KERNREAKTIO	43050		4-1164 KERNSPEKTR.	42575		9-1259 MOLEKUELE	52
W	11-3419 KOSH.PHYSIK	94510	FRILLEY M	10- 589 MASER,LASER	28050		11-1508 MOLEKUELE	52
FRICKEN RL	3- 871 STARKE WW.	41783	AI	12- 114 LABORTECHN.	12530	DC	4-1539 MOLEKUELE	52
FRIDKIN VM	1-2337 HALBLEITER	71530	RF	4-2853 STERNE	94020		12-1697 MOLEKUELE	52
	5-2152 DIELEKTRIKA	68030	AM	11- 580 KERN-MESSG.	40560	VA	12- 445 HYDRODYNAM.	23
	6-2500 PHOTOLEITG.	72510	D	9- 811 STARKE WW.	41725	TO	4-2654 ERDKOERPER	90
	6-2518 FK-SPEKTREN	73325	DH	2-2831 SONNENPHYS.	93324	RE	6-2021 MECH.EIG.FK	66
	12-2791 HALBLEITER	71540	H	1-1521 POLYMERE	53542	A	11-3008 OPT.EIG.FK	72
	12-3101 OPT.EIG.FK	73605	HL	5- 328 HYDRODYNAM.	23040	R	8-2210 MAGN.EIG.FK	65
FRIDMAN A	11- 851 STARKE WW.	41745		5-1837 FLUESSIGK.	58576		11-2446 MAGN.EIG.FK	65
AA	9-2369 FK-SPEKTREN	73310	OR	6- 191 STATISTIK	17535	AJ	8-1905 KRISTALLE	65
AM	11-1732 PLASMA	57055	W	8- 712 PHYS.OPTIK	29040	AJ	12-2171 KRISTALLE	65
SD	3-2814 LUFTHUELLE	90890	GH	5- 13 BIOGRAPHIEN	10220		12-2172 KRISTALLE	65
YB	8-2042 MECH.EIG.FK	66516		10-1334 K-REAKTOREN	43510	A	1- 485 ELEKTRODYN.	24
FRIDRICH VL	10- 559 MASER,LASER	28035	W	2-1542 FLUESSIGK.	58530	F	3- 637 PHYS.OPTIK	25
FRIDRIKHOV SA	1- 593 MASER,LASER	28055	GH	5-1757 FLUESSIGK.	58530	JH	1-2722 KOSH.STRLG.	90
	3- 538 MASER,LASER	28055		9-2137 MAGN.EIG.FK	69060		3-2783 KOSH.STRLG.	90
FRIDRIKHSBERG D.A.	12-2055 FLUESSIGK.	58565	S	5- 9 BIOGRAPHIEN	10220	S	1-1197 KERNREAKTIO	43
FRIE W	6-1567 GASENTLADG.	57815	SE	4-1394 PLASMA	57010		11-1214 KERNREAKTIO	43
	6-1568 GASENTLADG.	57815		4-1402 ATOME	52060	VD	9- 298 HYDRODYNAM.	23
	6-1569 GASENTLADG.	57815		8- 16 BIOGRAPHIEN	10230	VS	11-2271 DIELEKTRIKA	68
FRIED BD	8- 136 LABORTECHN.	12580	Y	12-1530 ATOME	52045	LS	11- 384 ELEKTRODYN.	24
DL	11-1758 PLASMA	57070		3- 193 QU.FELDTHEO	17010	DJ1	12-3089 FK-SPEKTREN	73
	1-2745 LUFTHUELLE	90860		4- 256 QU.FELDTHEO	17010	ES	12-1518 ATOME	52
	2-2758 LUFTHUELLE	90860		8- 831 ELEMENTART.	41510	FH	6- 395 MASER,LASER	28
	3- 632 PHYS.OPTIK	29045		11- 156 QU.FELDTHEO	17015	JL	9-2398 FK-SPEKTREN	73
	5- 656 PHYS.OPTIK	29010	FRISK A	8- 985 STARKE WW.	41745	WF	8- 790 KERN-MESSG.	40
HM	6- 744 STARKE WW.	41700	WR	2- 785 STARKE WW.	41725	D	5-2092 GITTERDYN.	67
	7- 986 STARKE WW.	41767		9- 805 STARKE WW.	41725		9- 741 ELEMENTART.	41
Z	4- 547 TEILCH.OPT.	27016	CA	12-2180 KRISTALLE	65574	G	8- 192 QUANTENTHEO	14
	5- 201 QU.FELDTHEO	17010	NS	2-1990 DIELEKTRIKA	68030		8- 918 STARKE WW.	41
FRIEDBERG SA	8-2202 MAGN.EIG.FK	69060	R	8-2749 LUFTHUELLE	90810	RJ	12-3417 PLANETEN	93
	8-2208 MAGN.EIG.FK	69060		A 2-1028 KERNREAKTIO	43044	JHM	10-1669 PLASMA	57
	8-2359 METAL.LEITG.	71010	B	9-2423 FK-SPEKTREN	73330	A	10-1241 KERNREAKTIO	43
	9-1988 THERMEIG.FK	67510	G	4-2819 SONNENPHYS.	93316	S	12-1407 KERNREAKTIO	43
	12-2420 THERMEIG.FK	67510	HP	6-1380 POLYMERE	53540		1- 202 QU.FELDTHEO	17
FRIEDEL H	1-1584 PLASMA	57050		7-1642 GASENTLADG.	57880		5- 202 QU.FELDTHEO	17
	9-1468 PLASMA	57050	KJ	9-1994 THERMEIG.FK	67510		5- 855 STARKE WW.	41
HB	4-1966 MECH.EIG.FK	66514	JJ	4- 222 QUANTENTHEO	16556		8- 837 ELEMENTART.	41
J	4-2277 SUPRALEITG.	70520	TC	2-1905 GITTERDYN.	67060		11-1300 QUANTENTHEO	14
	6-1906 KRIST.FEHL.	66030	NAS	1-2732 LUFTHUELLE	90820	EG	6-1966 KRISTALLE	61
	6-1939 KRIST.FEHL.	66035	K	4-1417 KERNSPEKTR.	42555	G	2-2900 STRAHL.BIOL	97
	7-1872 KRIST.FEHL.	66015	D	3- 590 OPT.INSTRUM	28570	H	2-1069 KERNREAKTIO	43
FRIEDEMANN C	9-2964 KOSH.PHYSIK	94520		10- 671 OPT.INSTRUM	28570		6-1083 KERNREAKTIO	43
FRIEDEN BR	3- 609 PHYS.OPTIK	29010	E	11-1370 KERNSTRHLG.	44010	K	9-1057 KERNREAKTIO	43
FRIEDER O	7- 198 QU.FELDTHEO	17020		7-2600 DUENNE SCHI	74010		1-1276 K-REAKTOREN	43
FRIEDES JL	4- 817 KERN-MESSG.	40548	W	11- 387 TEILCH.OPT.	27010		6- 204 FELDTHEORIE	11
	4-1023 STARKE WW.	41783	AG	10- 981 STARKE WW.	41764		8-2721 ERDKOERPER	90
	4-1236 KERNREAKTIO	43052	D	3-2208 LEITFHGK.FK	70028	NH	8- 921 STARKE WW.	41
	5-1148 KERNREAKTIO	43050		5-2615 FK-SPEKTREN	73380	R	10-2572 FK-SPEKTREN	73
	5-1149 KERNREAKTIO	43050	F	12-3129 OPT.EIG.FK	73640		12-2660 LEITFHGK.FK	71
	5-1157 KERNREAKTIO	43054		9-1860 KRIST.FEHL.	66030	V	6-1442 PLASMA	57
FRIEDJUNG M	10-3033 STERNE	94000		9-2278 HALBLEITER	71530		8-1689 GASENTLADG.	57
FRIEDLAENDER E.M.	6- 851 STARKE WW.	41783	H	10-2117 MECH.EIG.FK	66553		9-1511 PLASMA	57
	9- 884 STARKE WW.	41785		8- 366 HYDRODYNAM.	23000	W	6-1826 FK-SPEKTREN	73
FRIEDLAND E	4-1218 KERNREAKTIO	43044		10- 290 STATISTIK	17566	MG	10-1013 KERNSTRUKT.	4
	11-1297 KERNREAKTIO	43064		10-2419 SUPRALEITG.	70510	K	5-1759 FLUESSIGK.	51
FRIEDLANDER O	9- 994 KERNREAKTIO	43005		10-2426 SUPRALEITG.	70520	F	3-2854 SONNENPHYS.	9
HW	8- 81 UNTERRICHT	12040	M	11-2626 SUPRALEITG.	70520		11-3560 SONNENPHYS.	9
S	4- 897 ELEMENTART.	41563	C	7- 428 ELEKTRIZIT.	26010		11-2433 MAGN.EIG.FK	66
FRIEDMAN A	6- 851 STARKE WW.	41783		5- 649 OPT.INSTRUM	28570	BR	8- 86 UNTERRICHT	1
AM	8-1176 KERNSPEKTR.	42575	D	5- 650 OPT.INSTRUM	28570	IY	4-1745 GASE	5
AN	3-2373 HALBLEITER	71530	F	3-1309 POLYMERE	53535	AE	7- 318 HYDRODYNAM.	23
E	7-1230 KERNREAKTIO	43080		4-2673 GEOMAGNET.	90430	H	10- 732 KERN-MESSG.	4
	9-1036 KERNREAKTIO	43050		8-2191 MAGN.EIG.FK	69040	HM	4- 386 HYDRODYNAM.	2
	11-1278 KERNREAKTIO	43056		8-2727 GEOMAGNET.	90430	S	6-1535 PLASMA	5
F	5-2168 FK-SPEKTREN	73370		9-2139 MAGN.EIG.FK	69060	H	8- 31 TABUNGEN	1
H	4-2819 SONNENPHYS.	93316	C	12- 375 MECHANIK	22010		6-2270 MAGN.EIG.FK	6
	4-2888 KOSH.PHYSIK	94540	C	2- 105 QUANTENTHEO	16530		8-2036 MECH.EIG.FK	6
	7-2943 KOSH.PHYSIK	94560		4-1348 ATOME	52010		10-2125 MECH.EIG.FK	6
	8-2984 KOSH.PHYSIK	94540		9-1164 ATOME	52010	K	11-2196 MECH.EIG.FK	6
	11-3355 SONNENPHYS.	93310		10-1394 ATOME	52010	T	1- 966 STARKE WW.	4
HC	7-2638 GRENZFL.FK	74535	A	7- 991 STARKE WW.	41775		2-2597 DUENNE SCHI	7
HL	1-1780 FLUESSIGK.	58557		11- 809 STARKE WW.	41730		12-3208 DUENNE SCHI	7
	10-1875 FLUESSIGK.	58565	C	4-2100 FK-SPEKTREN	73370	Y	4-2569 DUENNE SCHI	7
HW	5-1546 PLASMA	57035		4-2306 SUPRALEITG.	70550		8-1029 STARKE WW.	4
	7-1627 GASENTLADG.	57840		5-2178 FK-SPEKTREN	73370		12- 995 STARKE WW.	4
	12-1752 PLASMA	57040		6-2172 FK-SPEKTREN	73370		11-1776 PLASMA	5
JI	8- 912 ELEMENTART.	41576		6-2182 FK-SPEKTREN	73370	Y	5-1666 PLASMA	5
	11- 725 ELEMENTART.	41550		10-2370 LEITFHGK.FK	70024	K	1-1066 KERNSPEKTR.	4
KA	11- 935 KERNSTRUKT.	42010		12-3058 FK-SPEKTREN	73370		12-1359 KERNREAKTIO	4
L	4-1543 MOLEKUELE	52575	D	7-1118 KERNSPEKTR.	42565	KI	3-2588 OPT.EIG.FK	7
	4-2723 LUFTHUELLE	90870		11-1130 KERNSPEKTR.	42565		3-2130 MAGN.EIG.FK	6
	6-2075 GITTERDYN.	67010	M	3- 715 ELEMENTART.	41500	H	1-2181 LEITFHGK.FK	7
	8-2278 LEITFHGK.FK	70053	BM	12- 909 ELEMENTART.	41510	F	6-2332 LEITFHGK.FK	7
M	2-1443 PLASMA	57250	GV	2- 167 QU.FELDTHEO	17020		10-2048 KRIST.FEHL.	6
	10-1729 PLASMA	57203		3- 755 ELEMENTART.	41563	M	3-1773 KRIST.FEHL.	6
	11-1227 KERNREAKTIO	43046	OS	8-2424 HALBLEITER	71580	T	3-1454 PLASMA	5
MM	2-1141 ATOME	52010	SD	SD 11-1715 PLASMA	57050		11-2763 HALBLEITER	7
	5- 792 ELEMENTART.	41510	YL	YL 11-1516 MOLEKUELE	52516	Y	8-1049 STARKE WW.	4
	8- 934 STARKE WW.	41710		1-2219 LEITFHGK.FK	70060	K	4- 918 ELEMENTART.	4
9-1162 ATOME	52010						5- 847 ELEMENTART.	4

MURA	K	8- 929	STARKE WW.	41700	FULINSKI	A	12-1701	MOLEKUELE	52590	FUTCH JR.	AH	2-1459	PLASMA	57270
		8- 983	STARKE WW.	41740	FULKER	HJ	4- 162	VAKUUM	13025	FUTRELL	JH	10- 740	KERN-MESSG.	40542
		10- 955	STARKE WW.	41753			6-1532	PLASMA	57010			12-1681	MOLEKUELE	52575
		10- 956	STARKE WW.	41755			7- 108	VAKUUM	13025	FUTRELL	RP	3-1183	ATOME	52065
S		3- 624	PHYS.OPTIK	29035			12- 148	VAKUUM	13020	FUXBERGER	F	11-3389	PLANETEN	93655
	Y	9- 606	PHYS.OPTIK	29035	FULKERSON	W	11-2689	HALBLEITER	71530	FYODOROV	MY	8-1294	KERNSTRHLG.	44035
		11-2828	FK-SPEKTREN	73310	FULLENBAUM	MS	1-2105	MAGN.EIG.FK	69020	FYODOROVA	GF	10-1890	FLUESSIGK.	58573
	H	12- 534	ELEKTRODYN.	26530	FULLER	AL	12- 450	HYDRODYNAM.	23060					
	H	11-1123	KERN-SPEKTR.	42560			1-2312	HALBLEITER	71520					
	T	10- 557	MASER,LASER	28035			3-1766	KRIST.FEHL.	66025					
	H	8-2381	HALBLEITER	71520			6-1896	KRIST.FEHL.	66025					
	H	12-3274	ERDKOERPER	90210			9- 573	OPT.INSTRUM	28545					
	FE	6-1874	KRIST.FEHL.	66040		DWE	7-2025	MECH.EIG.FK	66553					
		8-1873	FK-SPEKTREN	73310		MD	1-2414	HALBLEITER	71585					
	H	3-1717	KRISTALLE	65588			10-2504	HALBLEITER	71585	GAAG VAN DER F.J.		2-2444	PHYS.OPTIK	29080
		4- 555	TEILCH.OPT.	27030			8-3023	BIOPHYSIK	96000	GAARDE	C	3- 932	KERN-SPEKTR.	42545
		7-1488	POLYMERE	53535	FULLING	SA	10-1062	KERNREAKTIO	43050	GAARDER	K	7-2965	SEHEN	96610
		7-1930	KRIST.FEHL.	66035	FULLMER	LD	11-2468	MAGN.EIG.FK	69060	GABARD	F	4-1261	KERNREAKTIO	43064
		8-1540	POLYMERE	53546	FULMER	CB	5-1184	KERNREAKTIO	43092	GABILLARD	R	2- 583	ELEKTROIZIT.	26060
		11-1611	POLYMERE	53525			6-1066	KERNREAKTIO	43054			9-1193	ATOME	52035
		12-2005	FLUESSIGK.	58546			7-1245	KERNREAKTIO	43092			10- 546	HF-TECHNIK	27560
J		5-1032	KERN-SPEKTR.	42515			8-1237	KERNREAKTIO	43080	GABLER	H	6-2634	DUENNE SCHI	74010
S		3-2259	LEITFHGK.FK	70065			9- 685	BESCHLEUNIG	41000		W	8- 433	AKUSTIK	23550
		3-2260	LEITFHGK.FK	70060			9-2895	PLANETEN	93640	GABOR	D	2- 553	OPT.INSTRUM	28570
		9- 567	OPT.INSTRUM	28530			4-1950	KRIST.FEHL.	66065			8- 676	OPT.INSTRUM	28570
T		11-2818	FK-SPEKTREN	73310	FULTON	EJ	1-1441	MOLEKUELE	52510	GABOVICH	MD	4- 839	BESCHLEUNIG	41010
Y		2-2893	STERNE	94020		RL	1- 790	ELEMENTART.	41540			4-1713	PLASMA	57235
		12- 487	WAERME	24060			11- 860	STARKE WW.	41753			6-1426	PLASMA	57030
WARA	H	6-2261	MAGN.EIG.FK	69040	FULTZ	SC	3-1017	KERNREAKTIO	43024			9-1561	PLASMA	57260
		9- 588	OPT.INSTRUM	28570			5-1124	KERNREAKTIO	43026	GABRIEL	AH	6-1554	PLASMA	57260
		11-2196	MECH.EIG.FK	66553			9-1089	KERNREAKTIO	43092			8-1548	PLASMA	57010
		11-3106	DUENNE SCHI	74050			11-1194	KERNREAKTIO	43020			12-1855	PLASMA	57210
		12- 711	OPT.INSTRUM	28570	FUMI	FG	3-1740	KRIST.FEHL.	66015			3-2518	FK-SPEKTREN	73330
I		5- 130	QUANTENTHEO	16510	FUNAHASHI	A	12-1849	PLASMA	57206		CJ	7-2399	FK-SPEKTREN	73310
		6-1089	KERNREAKTIO	43060		S	11-2310	MAGN.EIG.FK	69010		JR	4-2206	LEITFHGK.FK	70020
K		9-2170	LEITFHGK.FK	70024	FUNAYAMA	T	4-2361	HALBLEITER	71566		M	8-2932	STERNE	94030
		12-2626	LEITFHGK.FK	70024	FUNCK	E	2- 525	OPT.INSTRUM	28545			9-2916	STERNE	94030
M		3-2720	GEOMAGNET.	90440	FUNDATOR	YV	2- 48	LABORTECHN.	12515		WF	6- 380	HF-TECHNIK	27550
N		6-1097	KERNREAKTIO	43080	FUNG	AK	5- 479	ELEKTRODYN.	26530	GABRIELLI	G	10-1623	POLYMERE	53540
S		3-2560	FK-SPEKTREN	73325			6-2805	LUFTHUELLE	90850	GABRUSENKO	IA	2- 685	BESCHLEUNIG	41040
		3-2576	OPT.EIG.FK	73640			11- 543	PHYS.OPTIK	29040			2- 686	BESCHLEUNIG	41040
		5-2559	FK-SPEKTREN	73315		BM	6-1368	MOLEKUELE	52550	GABUDA	SP	1-1869	KRIST.FEHL.	66020
		10- 691	PHYS.OPTIK	29035			8-1447	MOLEKUELE	52547			2-2021	FK-SPEKTREN	73370
T		4- 657	OPT.INSTRUM	28516		SY	6- 763	STARKE WW.	41725			5-2181	FK-SPEKTREN	73370
		11-2337	MAGN.EIG.FK	69020		YT	12- 230	QUANTENTHEO	16575	GACHECHILADZE	R.G.			
		12- 845	KERN-MESSG.	40565	FUNIN	VN	5-2435	HALBLEITER	71530			6-2831	IONOSPHERE	91050
M		1-2098	FK-SPEKTREN	73365	FUNK	B	3-2422	HALBLEITER	71566	GACHECHILIDZE	V.M.			
		3-2365	HALBLEITER	71510		EG	1-1135	KERN-SPEKTR.	42565			11-1139	KERN-SPEKTR.	42565
		3-2560	FK-SPEKTREN	73325			6- 984	KERN-SPEKTR.	42565	GACON	JC	7-2587	DUENNE SCHI	74010
		3-2576	OPT.EIG.FK	73640			9- 976	KERN-SPEKTR.	42565	GADALIN	EV	6-2797	KOSM.STRLG.	90646
		3-2589	OPT.EIG.FK	73645			9- 979	KERN-SPEKTR.	42565	GADALOV	AN	6-2843	MAGNETOSPH.	91210
		3-2622	DUENNE SCHI	74010	FUNKE	A	4-2059	THERMEIG.FK	67550	GADD	GE	3-1298	POLYMERE	53525
		4-2334	HALBLEITER	71566		I	7-1470	MOLEKUELE	52575			8- 388	HYDRODYNAM.	23040
		6-2644	DUENNE SCHI	74010	FUNSSTEIN	VB	10-1331	KERNREAKTIO	43092	GADE	S	8-2167	MAGN.EIG.FK	69020
Y		2-1111	K-REAKTOREN	43515			12- 810	KERN-MESSG.	40525	GADETSII	NP	9-1528	PLASMA	57093
MACHI	M	1-2607	DUENNE SCHI	74020	FUOSS	RM	11- 275	HYDRODYNAM.	23015	GADIOLI	E	2-1003	KERNREAKTIO	43008
NO	M	7- 465	TEILCH.OPT.	27030	FUR LE	B	3- 373	THERMODYN.	24530			5-1110	KERNREAKTIO	43008
SE	Y	3-1603	KRISTALLE	65510			10- 370	HYDRODYNAM.	23020			10-1034	KERNSTRUKT.	42060
	Y	9-2378	FK-SPEKTREN	73310	FURASHOV	NI	9-1311	MOLEKUELE	52536	GADSDEN	M	4-2768	IONOSPHERE	91050
	T	1-2182	LEITFHGK.FK	70026	FURCH	B	3-1145	ATOME	52027	GADZHIALIEV	MM	2-2367	HALBLEITER	71550
		3-1956	GITTERDYN.	67060	FURDYNA	JK	1-2214	LEITFHGK.FK	70056			3-2414	HALBLEITER	71550
		10- 781	BESCHLEUNIG	41010			3-2239	LEITFHGK.FK	70056			3-2452	THERMOELEKT	72010
TKO	T	12- 905	BESCHLEUNIG	41040	FURLAN	G	2- 156	QU.FELDTHEO	17010	GADZHIEV	AZ	6-1296	MOLEKUELE	52538
	MY	4- 376	MECH.EIG.FK	66540			5- 855	STARKE WW.	41700		FB	3-1590	FLUESSIGK.	58565
		4-2568	DUENNE SCHI	74030			11- 129	QU.FELDTHEO	17010	GADZHIEVA	RM	3-2383	HALBLEITER	71520
		11-3081	DUENNE SCHI	74020	FURLEY	RJ	7-1445	MOLEKUELE	52550	GADZUK	JW	4-2207	LEITFHGK.FK	70010
DA	A	7-2550	OPT.EIG.FK	73625	FURMAN	AV	8-2103	THERMEIG.FK	67520			12-1951	FLUESSIGK.	58525
		11-3023	OPT.EIG.FK	73635			10- 115	LABORTECHN.	12580	GAEDKE	RM	11-1334	KERNREAKTIO	43085
H		9-2629	DUENNE SCHI	74010	FURMIDGE	VI	11- 944	KERNSTRUKT.	42010	GAENWILLER	C	5-2565	FK-SPEKTREN	73325
	K	3-1454	PLASMA	57253	FURSEI	GN	3- 329	HYDRODYNAM.	23070	GAERTNER	H	9-2470	FK-SPEKTREN	73355
		6-2602	OPT.EIG.FK	73640			5-2787	GRENZFL.FK	74573	GAERTTNER	ER	4-1305	K-REAKTOREN	43515
		12- 860	KERN-MESSG.	40584			6-2721	GRENZFL.FK	74560	GAETA	R	1-1161	KERN-SPEKTR.	42575
T		9-1754	KRISTALLE	65518	FURSEY	A	8- 529	TEILCH.OPT.	27040			4-1166	KERN-SPEKTR.	42575
Y		2-1532	FLUESSIGK.	58520			9- 459	TEILCH.OPT.	27040			4-1167	KERN-SPEKTR.	42575
		4-2334	HALBLEITER	71566		GN	3-2687	GRENZFL.FK	74573	GAEYSKII	AS	5-2577	FK-SPEKTREN	73325
YHARA	A	5-1232	KERNSTRHLG.	44033			4-2643	GRENZFL.FK	74573	GAEVSUK	AS	9-2591	OPT.EIG.FK	73635
		9- 587	OPT.INSTRUM	28570			11-1819	GASENTLADG.	57815	GAFANOVICH	MD	10- 364	HYDRODYNAM.	23010
	M	3-2548	OPT.EIG.FK	73610	FURTA	SP	11-1820	GASENTLADG.	57815	GAFFNEY	GW	4- 909	ELEMENTART.	41574
	S	2-1956	THERMEIG.FK	67595	FURTH	HP	9-2577	OPT.EIG.FK	73625	GAGLIANO	A	3-2460	PHOTOLEITG.	72510
	K	8-2001	KRIST.FEHL.	66065	FURUHAMA	Y	12-1875	PLASMA	57263	GAGNE	JM	4-1370	ATOME	52030
MINAGA	T	6-1097	KERNREAKTIO	43080			11- 442	MASER,LASER	28040			11- 494	OPT.INSTRUM	28530
		11-1328	KERNREAKTIO	43080	FURUI	SY	6- 667	ELEMENTART.	41540	GAGNEPAIN	JJ	11-2291	DIELEKTRIKA	68050
	B	10-2108	MECH.EIG.FK	66545	FURUICHI	J	2-2026	FK-SPEKTREN	73370	GAENEUX	S	12-1243	KERN-SPEKTR.	42555
MINISHI	S	6-2156	DIELEKTRIKA	68030			1- 849	STARKE WW.	41710	GAGNON	RJ	5- 627	OPT.INSTRUM	28545
N		4-1960	KRIST.FEHL.	66076			5- 872	STARKE WW.	41710	GAI	EV	6-1016	KERNREAKTIO	43008
		6-2271	MAGN.EIG.FK	69050			5- 919	STARKE WW.	41740	GAIDE	W	6-1340	MOLEKUELE	52575
MIROI	T	1-2182	LEITFHGK.FK	70026			6- 751	STARKE WW.	41710	GAIDELIS	V	4-2401	PHOTOLEITG.	72510
		1-2526	OPT.EIG.FK	73610			8-1066	KERNSTRUKT.	42010			6-2492	PHOTOLEITG.	72500
		2-2295	SUPRALEITG.	70550			12- 262	QUANTENTHEO	16585			6-2501	PHOTOLEITG.	72510
		3-1956	GITTERDYN.	67060	FURUKAWA	M	10- 650	OPT.INSTRUM	28550			11-2799	PHOTOLEITG.	72510
	P	8-2493	FK-SPEKTREN	73330		Y	2-2586	DUENNE SCHI	74010			11-2800	PHOTOLEITG.	72510
		12-2703	SUPRALEITG.	70550			3-2420	HALBLEITER	71563			12-3201	DUENNE SCHI	74040
SHIMA	R	7- 295	MECHANIK	22038			3-2438	HALBLEITER	71570	GAIDUCHENKO	VV	10-2464	HALBLEITER	71520
	Y	1- 946	STARKE WW.	41760			5-2710	DUENNE SCHI	74010	GAIDUKOV	VF	8-1683	PLASMA	57270
YAMA	Y	1-1718	GASE	58030			6- 343	ELEKTROIZIT.	26060	GAIGALAS	AK	11-1127	KERN-SPEKTR.	42565
YAWA	F	2- 960	KERN-SPEKTR.	42545	FURUNO	S	8-1980	KRIST.FEHL.	66060	GAILITIS	A	4-2837	PLANETEN	93610
YUMI	S	12- 241	QUANTENTHEO	16575	FURUSE	H	7- 304	ELASTIZIT.	22520	GAILLARD	M	2-1192	ATOME	52065
YCHER	LP													

GAJEWSKI	M	8-1051	STARKE WW.	41790	GALLOWAY	RB	5-1023	KERN-SPEKTR.	42500	GANNON	JJ	10-2751	DUENNE SCHI	74
		10-1011	STARKE WW.	41790			7- 780	KERN-MESSG.	40538	GANS	F	3-2562	OPT.EIG.FK	73
		11- 929	STARKE WW.	41790	GALOGAZA	V	12- 513	ELEKTRIZIT.	26016			5-2659	OPT.EIG.FK	73
GAL	A	5- 954	STARKE WW.	41760	GALONSKY	A	6- 917	KERN-SPEKTR.	42540			6-2590	OPT.EIG.FK	73
	E	12-1920	GASE	58020	GALPER	AM	6- 342	ELEKTRIZIT.	26060			10- 639	OPT.INSTRUM	28
GAL OR	B	5- 403	WAERME	24060	GALPERIN	II	3-1517	GASE	58040		PJ	9- 396	THERMODYN.	24
GALAIO	VP	9-2232	SUPRALEITG.	70530		LN	11-1079	KERN-SPEKTR.	42550	GANTMAKHER	VF	1-2293	METAL.LEITG	71
GALAKTIONOV	SS	10-2740	OPT.EIG.FK	73670		YM	11-1121	KERN-SPEKTR.	42560	GANTSEVICH	SV	1-2242	LEITFHGK.FK	70
	SV	1- 499	ELEKTRODYN.	26595			11-2682	HALBLEITER	71530			2-2363	HALBLEITER	71
GALAKTIONOVA	G.M.				GALPERN	ES	3- 881	KERNSTUKT.	42010			4-2023	BITTERDYN.	67
		2-2061	FK-SPEKTREN	73360	GALSTER	G	11-2138	KRIST.FEHL.	66065	GANZHORN	K	6- 2	ALLGEMEINES	10
	MM	6-2591	OPT.EIG.FK	73620		S	6- 600	KERN-MESSG.	40560	GAPONOV	A	4- 573	HF-TECHNIK	27
		7- 551	MASER,LASER	28045			10- 51	TAGUNGEN	10545	GAPRINDASHVILI	K.I.	12- 127	LABORTECHN.	12
GALAMBOS	R	12- 664	OPT.INSTRUM	28523	GALT	JA	6-2970	KOSH-PHYSIK	94560	GARANDERIE	DE LA H.P.	12-3123	OPT.EIG.FK	73
GALAN DE	L	3-1438	PLASMA	57017	GALTIER	F	8- 114	LABORTECHN.	12525	GARAULT	Y	9- 659	KERN-MESSG.	40
		10-1424	ATOME	52045		M	5-2552	FK-SPEKTREN	73325	GARBER	H	3-2322	SUPRALEITG.	70
GALANIN	MD	2-1591	FLUESSIGK.	58570			7-2450	FK-SPEKTREN	73330		RI	3-2323	SUPRALEITG.	70
GALANINA	ND	8-1045	STARKE WW.	41770	GALUSHKIN	YI	1-1350	ATOME	52045			3-1897	MECH.EIG.FK	66
GALANOV	EK	10- 992	STARKE WW.	41770	GALVIN	MF	12- 606	MASER,LASER	28045			3-1962	BITTERDYN.	67
		8-2490	FK-SPEKTREN	73330	GALY	J	7-1859	KRISTALLE	65588			5-2441	METAL.LEITG	71
		8-2491	FK-SPEKTREN	73330	GALYANOV	YG	10- 341	MECHANIK	22036			8-2041	MECH.EIG.FK	66
GALASHIN	EA	11-1974	KRISTALLE	65512	GALYARSKII	EI	5-1901	KRISTALLE	65560			9-1154	KERNSTRHLG.	44
GALASSINI	S	7-1229	KERNREAKTIO	43075	GALZENATI	E	6- 125	QUANTENTHEO	16580			10-2042	KRIST.FEHL.	66
GALASSO	FS	3-1710	KRISTALLE	65588	GALZOW	DW	10- 297	FELDTHEORIE	18020			12-2315	KRIST.FEHL.	66
GALATRY	L	2- 721	ELEMENTART.	41560	GAMALII	AF	5-1808	FLUESSIGK.	58562	GARBOWSKA	PNIEWSKA K.	10-1011	STARKE WW.	41
		9-1343	MOLEKUELE	52560			11-1225	KERNREAKTIO	43044	GARBUNY	M	3-1935	BITTERDYN.	67
GALAVANOV	VV	2-2378	HALBLEITER	71563	GAMAN	VI	1-1907	KRIST.FEHL.	66076	GARBUTT	DA	3- 860	STARKE WW.	41
		2-2389	HALBLEITER	71566			2-2403	PHOTOLEITG.	72580	GARBUZOV	DZ	1-2552	OPT.EIG.FK	73
		6-2457	HALBLEITER	71566			2-2404	PHOTOLEITG.	72580			3-2436	OPT.EIG.FK	73
		8-2379	HALBLEITER	71520			7-2357	HALBLEITER	71566			11-3040	OPT.EIG.FK	73
		9-2327	HALBLEITER	71570			9-1900	KRIST.FEHL.	66076			11-3040	OPT.EIG.FK	73
		11-2741	HALBLEITER	71566			10-2498	HALBLEITER	71570	GARCIA	EA	5- 100	VAKUUM	13
GALAZKA	RR	7-2213	LEITFHGK.FK	70035			11-2742	HALBLEITER	71566		J	11- 621	KERN-MESSG.	40
GALBALLY	I	10-2884	LUFTHUELLE	90820			11-2754	HALBLEITER	71570		JD	2-1198	ATOME	52
GALE	B	9- 568	OPT.INSTRUM	28535			11-2759	HALBLEITER	71570			7-1335	ATOME	52
	DS	5-1174	KERNREAKTIO	43085			12-2814	HALBLEITER	71570			8-1342	ATOME	52
	OM	10- 563	MASER,LASER	28040			12-3199	DUENNE SCHI	74040			8-1357	ATOME	52
	HJ	5- 734	KERN-MESSG.	40518		WI	9-2317	HALBLEITER	71566		N	10-2469	HALBLEITER	71
	KA	5-1924	KRISTALLE	65584	GAMARI SEALE	H	4-2301	THERMEIG.FK	67553	GARCIA COLIN	L.S.	3- 215	STATISTIK	17
	W	8- 194	QUANTENTHEO	16523	GAMBA	A	2- 81	QUANTENTHEO	16516			12- 209	QUANTENTHEO	16
	WA	4- 226	QUANTENTHEO	16572			5-1451	MOLEKUELE	52528			8-2230	LEITFHGK.FK	70
		5- 912	STARKE WW.	41740	GAMBHIR	RS	6-1600	GASE	58025			10-1916	KRISTALLE	65
GALEEV	AA	3-1392	PLASMA	57060			12-1932	GASE	58025			3-1139	ATOME	52
		5-1661	PLASMA	57263		YK	4-1101	KERN-SPEKTR.	42550	GARCIA MOLINER	F.	5- 227	QU.FELDTHEO	17
GALEJS	J	4-1658	PLASMA	57070			6- 944	KERN-SPEKTR.	42550			7- 217	QU.FELDTHEO	17
		4-2782	IONOSPHAERE	91072			7-1093	KERN-SPEKTR.	42550			7- 218	QU.FELDTHEO	17
		7-2794	IONOSPHAERE	91072			11-1075	KERN-SPEKTR.	42550			7- 219	QU.FELDTHEO	17
		11-3331	IONOSPHAERE	91074	GAMBINO	RJ	2-2310	HALBLEITER	71510			11- 167	QU.FELDTHEO	17
GALEYEV	AA	2-1461	PLASMA	57263			9-1821	KRISTALLE	65588			12- 217	QUANTENTHEO	16
GALFI	L	1- 827	ELEMENTART.	41566			11-2460	MAGN.EIG.FK	69060			12- 295	QU.FELDTHEO	17
GALINDO	A	2- 80	QUANTENTHEO	16516			12-3164	DUENNE SCHI	74010			12- 296	QU.FELDTHEO	17
		3- 126	QUANTENTHEO	16516	GAMBLE	FR	7-2278	SUPRALEITG.	70530			11-2132	KRIST.FEHL.	66
	V	11- 412	HF-TECHNIK	27530		FT	5-2197	FK-SPEKTREN	73355	GARD	GA	9-1471	PLASMA	57
		11- 413	HF-TECHNIK	27530		WL	8-2553	FK-SPEKTREN	73370	GARDEUR LE	R	10- 439	WAERME	24
GALINDO E.	IG	10-1500	MOLEKUELE	52510			11-2947	FK-SPEKTREN	73370	GARDINER	GW	3-1803	KRIST.FEHL.	66
GALISHEV	VS	7-1274	KERNSTRHLG.	44020	GAMBLIN	RL	8- 505	ELEKTRODYN.	26500	GARDINI	A	6-1961	KRIST.FEHL.	66
GALITSKY	VM	11-2288	DIELEKTRIKA	68030	GAMBLING	DJ	8-2783	LUFTHUELLE	90870			7- 414	THERMODYN.	24
GALKIN	AA	1-2083	FK-SPEKTREN	73355	GAMMEL	JL	4-1257	KERNREAKTIO	43062	GARDIOL	FE	2-1320	ATOME	52
		3-2064	FK-SPEKTREN	73355			7-1172	KERNREAKTIO	43042	GARDNER	CL	8-1450	MOLEKUELE	52
		4-2290	SUPRALEITG.	70520	GAMMON	RB	3- 98	VAKUUM	13016		CS	5- 126	MATH-PHYSIK	16
	BD	12-3183	DUENNE SCHI	74020		RW	11-1948	FLUESSIGK.	58573		EF	4-2886	KOSH-PHYSIK	94
	GN	3-2556	OPT.EIG.FK	73605	GAMO	K	1-2348	HALBLEITER	71530			4-2887	KOSH-PHYSIK	94
		11-3002	OPT.EIG.FK	73605	GAMOW	G	4-2897	KOSH-PHYSIK	94583		FF	1-2812	PLANETEN	93
		12-2662	LEITFHGK.FK	70056			4-2898	KOSH-PHYSIK	94583			9-2994	KOSH-PHYSIK	94
GALKINA	TI	2-2379	HALBLEITER	71563			5-2981	KOSH-PHYSIK	94586			3- 70	LABORTECHN.	12
		6-2720	GRENZFL.	74560			8-2997	KOSH-PHYSIK	94560			8-2061	MECH.EIG.FK	66
GALL	R	9-2745	KOSH-STRLO.	90633			9- 51	MESSEN	12220			12-2366	MECH.EIG.FK	66
GALL LE	H	3-2106	MAGN.EIG.FK	69030	GAMS	MC	8- 790	KERN-MESSG.	40555			2-1477	GASENTLADG.	57
		3-2125	MAGN.EIG.FK	69040	GAMSELIDZE	GA	7-1698	FLUESSIGK.	58527		JW	7-2962	HOEREN	90
		7-2145	MAGN.EIG.FK	69020	GANAPATHY	R	6-2892	PLANETEN	93630		MB	5-1769	FLUESSIGK.	51
		9-2101	MAGN.EIG.FK	69030			9- 957	KERN-SPEKTR.	42555		PR	9- 394	WAERME	24
GALLAGHER	A	1-1360	ATOME	52040			1-2015	DIELEKTRIKA	68020		RC	9- 476	HF-TECHNIK	27
		5-1315	ATOME	52075	GANCBERG	M	1- 426	WAERME	24050		RL	4- 91	UNTERRICHT	12
	CC	9-1577	GASENTLADG.	57810	GANDHI	JM	10-1789	GASE	58040		S	12- 463	AKUSTIK	21
	JH	7-1319	ATOME	52040			12-1932	GASE	58025			12- 464	AKUSTIK	21
	JW	3-2375	HALBLEITER	71520	GANDINI	A	9-1098	K-REAKTOREN	43510			7-2268	SUPRALEITG.	71
	PCJ	9-1870	KRIST.FEHL.	66035			9-1117	K-REAKTOREN	43515		WE	9-2145	MAGN.EIG.FK	66
GALLAGHER JR.	J.M.						8-2496	FK-SPEKTREN	73340			10-2306	MAGN.EIG.FK	66
		2-1117	K-REAKTOREN	43520			11- 902	STARKE WW.	41775			11-2638	SUPRALEITG.	71
GALLAHER	DF	12-1546	ATOME	52065			10-1004	STARKE WW.	41783	GAREEV	FR	12-2450	THERMEIG.FK	66
GALLAIS	F	1-1458	MOLEKUELE	52516	GANDOIS	B	11- 902	STARKE WW.	41764		WA	12-1186	KERN-SPEKTR.	42
GALLAND	D	12-2991	FK-SPEKTREN	73355			11- 797	STARKE WW.	41725	GAREIS	PJ	3- 101	VAKUUM	13
GALLARDO	JC	2- 159	QU.FELDTHEO	17015			2-1885	BITTERDYN.	67500	GARELICK	D	1- 934	STARKE WW.	41
	M	3- 529	MASER,LASER	28055	GANDRUD	WB	1- 78	LABORTECHN.	12520			5- 837	ELEMENTART.	41
		5- 576	MASER,LASER	28055			11-2174	MECH.EIG.FK	66540			5- 838	ELEMENTART.	41
GALLAVOTTI	G	4- 295	STATISTIK	17530	GANE	M	6-1476	PLASMA	57055			7- 777	KERN-MESSG.	40
		8- 284	STATISTIK	17520	GANEFELD	RV	6-2054	MECH.EIG.FK	66545			10-2245	MAGN.EIG.FK	66
		10-2193	THERMEIG.FK	67550	GANESAN	S	9- 626	PHYS.OPTIK	29063		H	1- 735	KERN-MESSG.	40
		11- 193	STATISTIK	17526	GANEYEV	IG	7-1213	KERNREAKTIO	43064	GARELIS	E	9- 940	KERN-SPEKTR.	42
GALLER	W	4-2479	OPT.EIG.FK	73610	GANGAS	NH	11-1181	KERNREAKTIO	43012	GARFAGNINI	R	11-1912	FLUESSIGK.	51
		8-1807	FLUESSIGK.	58570			6-2746	ERDKORPER	90240	GARFINKEL	FJ	7- 910	STARKE WW.	41
GALLIC LE	Y	5-1028	KERN-SPEKTR.	42510	GANGI	AF	4- 512	ELEKTRIZIT.	26012	GARFUNKEL	MP	1-2282	SUPRALEITG.	71
		9- 678	KERN-MESSG.	40582	GANGNUS	VD	2- 995	KERN-SPEKTR.	42570			3-2511	FK-SPEKTREN	71
GALLIGAN	JM	1-1894	KRIST.FEHL.	66065	GANGSKY	YD	3- 996	KERN-SPEKTR.	42575	GARG	CL	9-1028	KERNREAKTIO	42
		2-1725	KRIST.FEHL.	66015			1- 972	STARKE WW.	41790		KB	4-2423	FK-SPEKTREN	71
		2-1774	KRIST.FEHL.	66035	GANGULI	SM	4-1032	STARKE WW.	41790			5-1258	ATOME	51
		4-1946	KRIST.FEHL.	66065			5-2600	FK-SPEKTREN	73340			12-1499	ATOME	51
		8-1957	KRIST.FEHL.	66035			3-2267	LEITFHGK.FK	70074			12-1500	ATOME	51
		11- 265	ELASTIZIT.											

LAND	MM	8-2647	DUENNE SCHI	74040	GATOS	HC	7-1792	KRISTALLE	65510	GAWIN	J	11-3272	KOSH.STRLO.	90646
LICK	GFJ	10- 837	ELEMENTART.	41546			12- 44	BIOGRAPHIEN	10240	GAY	CF	6-1610	GASE	58040
		5-2592	FK-SPEKTREN	73330			12-2108	KRISTALLE	65518	ID	6-1342	MOLEKUELE	52575	
		8-2413	HALBLEITER	71566	GATTI	E	12-2650	LEITFHOK.FK	70045	GAYDA	JP	5-2681	OPT.EIG.FK	73630
MATYUK	VS	9-2434	FK-SPEKTREN	73330		G	12- 567	HF-TECHNIK	27545	GAYDDU	FR	1- 97	VAKUUM	13025
MIRE	E	7-2172	MAGN.EIG.FK	69050		RC	9- 553	OPT.INSTRUM	28516	GAYLES	JN	5-1524	POLYMER	53546
		4-2447	FK-SPEKTREN	73330	GATTO	R	12-1405	KERNREAKTIO	43092	GAYLEY	RI	8-2352	SUPRALEITG.	70560
		9-2535	FK-SPEKTREN	73380			1- 784	ELEMENTART.	41530	GAYTHER	DB	4-1207	KERNREAKTIO	43030
	G	10- 611	MASER,LASER	28060			1- 852	STARKE WW.	41720	GAZANHES	C	4- 455	AKUSTIK	23540
NER	FH	11-1912	FLUESSIGK.	58540			1- 853	STARKE WW.	41725			5- 369	AKUSTIK	23570
NIER	WE	4-2780	IONOSPHAERE	91072			3- 154	QUANTENTHEO	16556	GAZARYAN	KA	7- 791	KERN-MESSG.	40550
	A	12-2201	KRISTALLE	65584			4- 896	ELEMENTART.	41560			7- 798	KERN-MESSG.	40560
	JL	4- 455	AKUSTIK	23540			7- 949	STARKE WW.	41753	GAZENGL	J	5-1254	ATOME	52065
		5- 369	AKUSTIK	23570	GATTOW	G	8- 261	QU.FELDTHEO	17020	GAZLEY JR.	C	5- 300	HYDRODYNAM.	23010
	JP	10- 599	MASER,LASER	28055			12-2917	FK-SPEKTREN	73330	GAZZARA	CP	7-2412	FK-SPEKTREN	73315
	M	1-2698	GEOMAGNET.	90430			3-1136	ATOME	52040	GEACINTOV	N	11- 58	LABORTECHN.	12570
		2-2805	IONOSPHAERE	91072	GAUDAIRE	M	1- 525	HF-TECHNIK	27523	GEACINTOV	N	5-2530	PHOTOLEITG.	72510
		2-2807	IONOSPHAERE	91076			3- 437	HF-TECHNIK	27530	GEAKE	JE	4- 666	OPT.INSTRUM	28530
		4- 57	TAGUNGEN	10570			3- 438	HF-TECHNIK	27530	GEARY	DA	5- 99	VAKUUM	13013
NSWORTHY RK		9- 663	KERN-MESSG.	40538	GAUDART	L	2-2680	GRENZFL.FK	74570	GEBALLE	R	1-1421	ATOME	52065
	KR	4-1956	KRIST.FEHL.	66076	GAUDIN	A	5-1310	ATOME	52070			10-1436	ATOME	52065
		5-2007	KRIST.FEHL.	66076	GAUG	H	3- 708	BESCHLEUNIG	41020	TH		8-2345	SUPRALEITG.	70550
REAU	M	5-2008	KRIST.FEHL.	66076	GAUKHSSTEIN YV		9-2084	MAGN.EIG.FK	69010			10-2433	SUPRALEITG.	70530
REN	AA	3- 306	HYDRODYNAM.	23020	GAUKLER	KH	6- 354	TEILCH.OPT.	27016	GEBAUER	R	12-2717	SUPRALEITG.	70540
RETA	D	4- 851	BESCHLEUNIG	41040	GAULARD	ML	5- 364	AKUSTIK	23540			11-1419	ATOME	52027
		4-1087	KERNSEKTR.	42535	GAULD	BW	5- 900	STARKE WW.	41735	GEBBIE	HA	5-1459	MOLEKUELE	52562
		7-1190	KERNREAKTIO	43052	GAULT	WA	7-2736	LUFTHUELLE	90820			9- 573	OPT.INSTRUM	28545
RETT	BB	11-1250	KERNREAKTIO	43052	GAULTIER	M	9-1819	KRISTALLE	65584			10-2900	LUFTHUELLE	90860
	CBG	5-2174	FK-SPEKTREN	73370	GAUME	F	9-1820	KRISTALLE	65584	GEBEL	KB	12-3437	STERNE	94025
		1- 561	MASER,LASER	28045	GAUME MAHN F		9- 559	OPT.INSTRUM	28526		RKH	2- 537	OPT.INSTRUM	28563
		12-3091	FK-SPEKTREN	73380			1-2549	OPT.EIG.FK	73645	GEBELEIN	H	6-1176	ATOME	52022
	CJR	8- 165	MATH.PHYSIK	16040			2-2535		73520	GEBERT	R	12-1403	KERNREAKTIO	43092
	ER	5- 65	LABORTECHN.	12510			5-1881	OPT.EIG.FK	73640	GEBHARDT	D	7-1047	KERNSEKTR.	42515
	GJ	5-1046	KERNSEKTR.	42545			6-2522	FK-SPEKTREN	73525			12-1188	KERNSEKTR.	42515
	HW	1- 467	ELEKTRIZIT.	26030			6-2585	OPT.EIG.FK	73620	E		6- 74	VAKUUM	13020
RIDO	FI	7- 506	HF-TECHNIK	27540	GAUNT	DS	12-3132	OPT.EIG.FK	73640	W		2-2465	FK-SPEKTREN	73325
	LM	6- 208	FELDTHEORIE	18020			2- 350	THERMODYN.	24530	B		7- 338	HYDRODYNAM.	23050
RIOTT	OK	7-2786	IONOSPHAERE	91050			10-2259	MAGN.EIG.FK	69025	J		8- 661	OPT.INSTRUM	28570
RISON JR. G.W.					GAUR	F	9-2112	MAGN.EIG.FK	69035	GEBHART	JM	12-2963	FK-SPEKTREN	73355
		1-1608	PLASMA	57055		NKS	2-1926	THERMEIG.FK	67520	GEBALIN	EV	1- 816	ELEMENTART.	41546
ROD	C	10- 305	FELDTHEORIE	18030			5-2349	LEITFHOK.FK	70035	GEDCKE	DA	3- 905	KERNSEKTR.	42510
	DK	11-2913	FK-SPEKTREN	73355	GAURIAU	J	10-2508	THERMOELEKT	72010	GEDDES	AL	2-2483	FK-SPEKTREN	73330
RON	JP	10- 519	TEILCH.OPT.	27068			10-1325	KERNREAKTIO	43092			9-2431	FK-SPEKTREN	73330
	R	2-2439	PHOTOLEITG.	72510	GAURON	P	11- 846	STARKE WW.	41740	GEE	AR	4-2463	FK-SPEKTREN	73340
		2-2680	GRENZFL.FK	74570	GAUS	H	12-2234	KRIST.FEHL.	66025	GEERK	J	3-2731	KOSH.STRLO.	90610
SCADDEN	A	7-1628	GASENTLADG.	57840	GAUSMANN	H	4-1773	FLUESSIGK.	58530	GEFFEN	DA	4- 971	STARKE WW.	41750
SIDE	DH	6-1707	FLUESSIGK.	58555	GAUSTER	WB	8-2563		84052			12-1106	STARKE WW.	41764
		12-2063	FLUESSIGK.	58570			12-2331	MECH.EIG.FK	66514	N		6-1681	FLUESSIGK.	58540
	G	11-3337	IONOSPHAERE	91095	WF		8-2311	SUPRALEITG.	70560	D		9-1390	MOLEKUELE	52585
SKA	E	12-2680	LLITFHOK.FK	70072	GAUT	NE	12-3386	SonnenPHYS.	93212	Y		3-1629	KRIST.FEHL.	66010
SKI	H	7- 391	W/ERME	24040	GAUTHE	B	4-1942	KRIST.FEHL.	66062	YE		3-1837	KRIST.FEHL.	66065
STANG	RH	8-1327	ATOME	52040	GAUTHERIE	M	2-1609	KRISTALLE	65510			4-1907	KRIST.FEHL.	66020
		8-1328	ATOME	52040			5-2594	FK-SPEKTREN	73330			4-1908	KRIST.FEHL.	66020
SZCZYNSKI F		8-1319	ATOME	52027	GAUTHERIN	G	11- 647	BESCHLEUNIG	41010			5-1941	KRIST.FEHL.	66010
THAN	MV	12-3168	DUENNE SCHI	74010	GAUTHIER	A	1-1903	KRIST.FEHL.	66065			6-1872	KRIST.FEHL.	66010
TON	WRS	2-1154	ATOME	52024	R		11-3194	GRENZFL.FK	74570			6-1879	KRIST.FEHL.	66015
		9-1177	ATOME	52024	GAUTIER	D	7-2837	SonnenPHYS.	93312			10-2066	KRIST.FEHL.	66065
		10-1409	ATOME	52024			8-2814	IONOSPHAERE	91095			11-2161	KRIST.FEHL.	66025
		12-2870	FK-SPEKTREN	73320	F		1- 744	KERN-MESSG.	40565			12-1436	KERNSTRHLO.	44000
THORE	IS	6- 262	HYDRODYNAM.	23040			5- 742	KERN-MESSG.	40532	GEQUZINA	SY	10-2159	GITTERDYN.	67060
VER	RV	2- 446	HF-TECHNIK	27540			5-2314	LEITFHOK.FK	70022	GEHM	H	2-1896	GITTERDYN.	67060
WEY	GT	4-1239	KERNREAKTIO	43054			10-2370	LEITFHOK.FK	70024	GEHRELS	T	1-2788	ASTROPHYSIK	93030
		11-1152	KERNSEKTR.	42570			12-2521	MAGN.EIG.FK	69020	GEHRE	G	10-2697	OPT.EIG.FK	73610
		11-1263	KERNREAKTIO	43054	P		6-1820	KRISTALLE	65545	KA		9-2557	OPT.EIG.FK	73610
J		6- 688	ELEMENTART.	41546	GAUTREAU	R	3- 270	FELDTHEORIE	18042	GEHRINGER	C	10-1271	KERNREAKTIO	43056
WACKI	W	8-2382	HALBLEITER	71530			3- 276	FELDTHEORIE	18060	GEHRMANN	E	12- 594	MASER,LASER	28040
	B	3-2867	PLANETEN	93610	GAUTSCHI	A	6- 841	STARKE WW.	41773	R		9-1962	GITTERDYN.	67020
GP		2- 137	QUANTENTHEO	16582	GAUTHIER	M	6- 381	HF-TECHNIK	27560	IN		9-2496	FK-SPEKTREN	73355
LA		7-1764	FLUESSIGK.	58565	GAUVIN	H	3-1057	KERNREAKTIO	43054	J		2- 43	MESSEN	12220
SP		1-1541	PLASMA	57085			3-1058	KERNREAKTIO	43054			5-1469	MOLEKUELE	52576
		12-3284	GEOMAGNET.	90410	GAVALER	JR	8-2321	SUPRALEITG.	70550			8-1306	ATOME	52070
MANENKO	LS	6-2661	DUENNE SCHI	74040	GAVALESHKO NP		9-2552	OPT.EIG.FK	73605			9- 42	BUECHER	11020
MANOV	RG	5-1414	MOLEKUELE	52538	GAVALLAS	LA	4-1589	PLASMA	57010			9-2659	DUENNE SCHI	74095
		4-2552	DUENNE SCHI	74010			6-1241	ATOME	52070			12-2386	GITTERDYN.	67020
BNIER	M	3-2371	HALBLEITER	71520			11-1388	KERNSTRHLO.	44033	JS		1-1123	KERNSEKTR.	42565
HIMZADE	FM	11-2797	PHOTOLEITG.	72510	GAVELY	BT	5-2667	OPT.EIG.FK	73655			2- 972	KERNSEKTR.	42560
HKA	II	12-1946	FLUESSIGK.	58520	GAVINI	AA	12-2868	FK-SPEKTREN	73320			4-1125	KERNSEKTR.	42560
KELL	T	8- 332	MECHANIK	22010	GAVIS	J	1- 330	HYDRODYNAM.	23020			11-1117	KERNSEKTR.	42560
KILL JR. JR	R	9-1167	ATOME	52010	GAVRILA	M	6-1242	ATOME	52075			12-1253	KERNSEKTR.	42560
PAR	F	8-1801	FLUESSIGK.	58565			9-1242	ATOME	52075	KW		6-1049	KERNREAKTIO	43044
PARD		6-2333	KRISTALLE	65530			1- 862	STARKE WW.	41725			10- 761	KERN-MESSG.	40584
PARI	GD	11-2540	LEITFHOK.FK	70024			7- 916	STARKE WW.	41725	W		10-1648	PLASMA	57015
PAROV	VA	8-2259	LEITFHOK.FK	70024	GAVRILENKO YV		7-1171	KERNREAKTIO	43040	PH		11-1615	POLYMER	53535
PAROVIC	N	10-1362	K-REAKTOR	43550	GAVRILKINA GN		2-2491	FK-SPEKTREN	73330	W		6-2414	HALBLEITER	71520
PERIC	J	2- 51	VAKUUM	13016	GAVRILKO	VG	5- 120	VAKUUM	13030	BT		1- 247	STATISTIK	17566
PERO	M	12-1055	STARKE WW.	41745	GAVRILKO	AF	6-2124	THERMEIG.FK	67530			1-2291	SUPRALEITG.	70550
SAN	L	6- 329	ELEKTRIZIT.	26030	GAVRILOV	AS	7- 77	LABORTECHN.	12530			4-2289	SUPRALEITG.	70520
SER	RPH	2-2644	GRENZFL.FK	74520			4- 821	KERN-MESSG.	40560			5-1180	KERNREAKTIO	43090
		2-2657	GRENZFL.FK	74530			1-2084	FK-SPEKTREN	73355			8-1244	KERNREAKTIO	43090
		4-2622	GRENZFL.FK	74535			3-2565	OPT.EIG.FK	73635	GEISLER	JE	8-2764	LUFTHUELLE	90840
		7-2637	GRENZFL.FK	74535			7-2488	FK-SPEKTREN	73355			10-2312	MAGN.EIG.FK	69060
SHMANN	GJ	1-2703	GEOMAGNET.	90470			8-2503	FK-SPEKTREN	73345	JH		1-2333	HALBLEITER	71520
TEBOIS	J	1-1128	KERNSEKTR.	42565			9-2604	OPT.EIG.FK	73640	GEISHAR	A	12-2549	MAGN.EIG.FK	69035
		10-1276	KERNREAKTIO	43058			10-2739	OPT.EIG.FK	73670	GEISS	RH	6-1710	FLUESSIGK.	58557
		10-1294	KERNREAKTIO	43068			11-2147	KRIST.FEHL.	66065	GEISSLER	KH	9-1449	PLASMA	57030
		10-1302	KERNREAKTIO	43075	IA		12-2314	KRIST.FEHL.	66076					

GELFMAN	AY	4- 775	KERN-MESSG.	40503	GERARD	ME	3-1440	PLASMA	57216	GERSTENKORN	S	10-1414	ATOME	57
		6-2605	OPT.EIG.FK	73650		VB	10- 540	HF-TECHNIK	27540			10-1415	ATOME	57
GELINAS	RJ	6- 192	STATISTIK	17540	GERARDO	JB	4-1375	ATOME	52045	GERSTL	SAW	6-1122	K-REAKTOREN	47
GELL MANN	M	1- 773	ELEMENTART.	41510	GERASIM	A	3-2905	KOSM.PHYSIK	94500	GERSTNER	J	5-2777	GRENZFL.FK	71
		1- 937	STARKE WW.	41760	GERASIMCHUK	RV	2-2471	OPT.EIG.FK	73605			8-2277	LEITFHGK.FK	71
		3- 714	ELEMENTART.	41500	GERASIMENKO	NN	12-2746	HALBLEITER	71505	GERTNER	ER	7-2267	SUPRALEITG.	70
		7- 836	ELEMENTART.	41500			12-3126	OPT.EIG.FK	73635	GERTSENSHTEIN	M.-E.	2- 223	FELDTHEORIE	113
GELLER	M	5-1969	KRIST.FEHL.	66030		VS	12-2096	KRISTALLE	65510			11- 921	STARKE WW.	47
	R	6-1546	PLASMA	57279	GERASIMOV	AB	1-2651	GRENZFL.FK	74540	GERULIA	J	5-1491	MOLEKUELE	57
	S	5-2273	MAGN.EIG.FK	69050			2-2391	HALBLEITER	71566	GERVAIS	A	9-1804	KRISTALLE	67
		11-1809	PLASMA	57266			9-1899	KRIST.FEHL.	66076			2- 150	QU.FELDTHEO	113
		11-2468	MAGN.EIG.FK	69060		FM	12-2886	FK-SPEKTREN	73325		JL	7- 960	STARKE WW.	47
GELLER	E	12-1045	STARKE WW.	41740		SB	6- 503	OPT.INSTRUM	28595			11- 124	QUANTENTHEO	113
GELLES	R	8- 577	MASER,LASER	28040			4-1199	KERNREAKTIO	43022			12- 243	QUANTENTHEO	113
GELLETLY	SH	10-2202	THERMEIG.FK	67556			10- 888	STARKE WW.	41720			12- 577	HF-TECHNIK	27
	W	1-1123	KERN-SPEKTR.	42565		YI	4- 491	THERMODYN.	24530	GERVEN VAN	L	12-2942	FK-SPEKTREN	73
		12-1253	KERN-SPEKTR.	42560		YM	9-2059	DIELEKTRIKA	68030			11- 979	KERNSTRUKT.	47
GELMONT	BL	9-1486	PLASMA	57055			10-2217	DIELEKTRIKA	68030	GERVOIS	A	6-2252	MAGN.EIG.FK	67
		10-1868	FLUESSIGK.	58562	GERASIMOVA	SD	11- 426	HF-TECHNIK	27560	GERWARD	L	8-1640	PLASMA	57
GELTEN	MJ	5-1624	PLASMA	57203		YS	11-1578	MOLEKUELE	52570	GERWIN	R	7- 405	WAERME	27
GELTMAN	S	4-1471	MOLEKUELE	52580	GERBER	HJ	6- 841	STARKE WW.	41773	GERY	A	9- 374	WAERME	27
		8-1355	ATOME	52070		JP	4-1024	STARKE WW.	41783			11-3004	OPT.EIG.FK	73
GEMMELL	DS	4-1264	KERNREAKTIO	43064			5- 928	STARKE WW.	41750	GERZANICH	EI	12-3101	OPT.EIG.FK	73
GEN	MY	12-2855	FK-SPEKTREN	73310			7- 925	STARKE WW.	41730			11-1560	MOLEKUELE	57
GENBERG	RW	12-2700	SUPRALEITG.	70540			11- 930	STARKE WW.	41790	GESCHKE	D	11-1564	MOLEKUELE	57
GENCHEV	ZD	11- 419	HF-TECHNIK	27530		R	11-2322	MAGN.EIG.FK	69010			12-3234	GRENZFL.FK	71
GENDELEV	SS	11-2402	MAGN.EIG.FK	69035		RB	9- 148	QUANTENTHEO	16553			12-3245	GRENZFL.FK	71
GENDRIN	R	2-2727	GEOMAGNET.	90450	GERDANIAN	P	12-2444	THERMEIG.FK	67550	GESCHWIND	S	1-2066	FK-SPEKTREN	73
		3-2725	GEOMAGNET.	90450	GERDYUKOV	LN	11- 608	KERN-MESSG.	40555			4-2110	FK-SPEKTREN	73
		4- 39	TAGUNGEN	10535	GERGEL	VA	5-2366	LEITFHGK.FK	70053			9-2490	FK-SPEKTREN	73
		4- 54	TAGUNGEN	10570			8-2281	LEITFHGK.FK	70053	GESELL	H	5-1810	FLUESSIGK.	57
		4-2692	GEOMAGNET.	90450	GERHARD	BC	1- 473	ELEKTRIZIT.	26060	GESELOWITZ	DB	7-2960	BIOPHYSIK.	96
		4-2789	IONOSPHERE	91074		SL	4- 92	UNTERRICHT	12030	GESERICH	HP	11-2995	OPT.EIG.FK	73
		8-2812	IONOSPHERE	91074	GERHARDT	H	12- 832	KERN-MESSG.	40550	GESHKENBEIN	BV	9- 191	QU.FELDTHEO	113
		9-2810	MAGNETOSPH.	91260		U	3-2551	OPT.EIG.FK	73605	GESI	K	2-1994	DIELEKTRIKA	67
		11-3235	GEOMAGNET.	90450	GERHARZ	R	1-1839	KRISTALLE	65572			2-1995	DIELEKTRIKA	67
		11-3236	GEOMAGNET.	90450	GERHOLD	GA	4-2244	LEITFHGK.FK	70053	GESKE	G	9- 719	BESCHLEUNIG	47
GENDRON	C	12- 154	VAKUUM	13030	GERISCHER	H	8-2423	HALBLEITER	71580	GESLIN	M	9-1820	KRISTALLE	67
GENDROT	M	11-1149	KERN-SPEKTR.	42570	GERJUOY	E	7-1335	ATOME	52065	GESSAROLI	R	1- 955	STARKE WW.	47
GENEQUAND	P	2-1440	PLASMA	57235			8-1342	ATOME	52065			10- 982	STARKE WW.	47
GENERALOV	NA	1-1477	MOLEKUELE	52575	GERKEN	VA	12-2493	DIELEKTRIKA	68030			11- 827	STARKE WW.	47
		10-1588	MOLEKUELE	52575	GERL	M	3-1725	KRIST.FEHL.	66010	GESSAROLLI	R	10- 919	STARKE WW.	47
GENESTE	J	5- 508	TEILCH.OPT.	27040	GERLACH	B	6- 155	QU.FELDTHEO	17000	GESSINGER	H	12-2365	MECH.EIG.FK	67
GENEUX	E	3-1148	ATOME	52035		CR	6- 270	HYDRODYNAM.	23050	GESTBLOM	B	6-1363	MOLEKUELE	57
GENGNAGEL	H	11-2329	MAGN.EIG.FK	69015		E	3-2182	LEITFHGK.FK	70010			6-1369	MOLEKUELE	57
GENIN	DJ	9-1761	KRISTALLE	65545		W	6-2296	LEITFHGK.FK	70060			7-1449	MOLEKUELE	57
		12-3033	FK-SPEKTREN	73370			7- 47	BUECHER	11000	GESZTI	T	2- 188	STATISTIK	17
	LG	9- 314	HYDRODYNAM.	23040			10- 6	BIOGRAPHIEN	10212	GETHINS	T	-1-1946	GITTERDYN.	67
GENKIN	GM	1-1950	GITTERDYN.	67010			10- 31	BIOGRAPHIEN	10220	GETLING	AV	6-1495	PLASMA	57
		12-2556	MAGN.EIG.FK	69040	GERLAKH	NI	1-1569	PLASMA	57045	GETOV	G	2-2464	FK-SPEKTREN	73
	YM	5-2225	MAGN.EIG.FK	69020			3-1362	PLASMA	57045			10-1912	KRISTALLE	67
		12-2556	MAGN.EIG.FK	69040	GERLICH	D	9-1914	MECH.EIG.FK	66514	GETTING	IC	6-2055	MECH.EIG.FK	67
	VN	12-2673	LEITFHGK.FK	70060			12-2332	MECH.EIG.FK	66514	GETTNER	M	5- 838	ELEMENTART.	47
GENNARO DE S	PG	4- 896	ELEMENTART.	41560	GERLING	EK	4-1129	KERN-SPEKTR.	42560	GEUSIC	JE	4-2471	FK-SPEKTREN	73
GENNES DE S		7-2287	SUPRALEITG.	70550	GERLOVIN	YI	7-1425	MOLEKUELE	52536			5-2616	FK-SPEKTREN	73
		8-2581	OPT.EIG.FK	73610			7-1714	FLUESSIGK.	58530			5-2619	FK-SPEKTREN	73
		10-1631	POLYMERE	53546	GERMAIN	G	11-2017	KRISTALLE	65570			7-2596	OPT.EIG.FK	73
		10-1840	FLUESSIGK.	58535	GERMAN	VO	8-1685	GASENTLADG.	57810	GEVELING	NN	10-2002	KRISTALLE	67
GENOLIO	RJ	5- 215	QU.FELDTHEO	17030		CA	9-2158	MAGN.EIG.FK	69070	GEVERS	R	2-1679	KRISTALLE	67
GENOTEL	D	5- 502	TEILCH.OPT.	27030	GERMANO	CR	8-2016	KRIST.FEHL.	66076			2-1971	DIELEKTRIKA	67
GENOVESE	ER	11-3125	DUENNE SCHI	74050		F	1-2524	OPT.EIG.FK	73610			8-1888	KRISTALLE	67
		12- 714	OPT.INSTRUM	28586			5-2630	OPT.EIG.FK	73610	GEY	E	8-1401	MOLEKUELE	57
GENRE	PA	5- 106	VAKUUM	13022		FA	10-2694	OPT.EIG.FK	73610			8- 735	PHYS.OPTIK	27
GENSCH	U	11- 809	STARKE WW.	41730	GERMER	D	9-1673	FLUESSIGK.	58540	GEYETS	VI	7-1713	FLUESSIGK.	57
GENSCH	EE	8-2506	FK-SPEKTREN	73350		LH	3-2333	SUPRALEITG.	70540	GEZELTER	J	9- 870	STARKE WW.	47
GENSER	MA	11-1944	FLUESSIGK.	58568			2-2656	GRENZFL.FK	74530	GEZELLER	D	9- 966	KERN-SPEKTR.	47
GENSHAW	H	6-2882	PLANETEN	93614	GERNET	GE	3-1370	PLASMA	57045	GHANDER	AM	9- 688	BESCHLEUNIG	47
GENT		8-2998	KOSM.PHYSIK	94560	GEROCH	RP	1- 253	FELDTHEORIE	18010			10-1133	KERN-SPEKTR.	47
GENTLE	KW	7-1544	PLASMA	57055			1- 438	THERMODYN.	24520	GHARPUREY	MK	4- 497	THERMODYN.	27
GENTNER	W	6- 906	KERN-SPEKTR.	42515	GERRATT	J	11- 107	QUANTENTHEO	16530	GHATAK	AK	1-1309	KERNSTRHLG.	47
GENTRY	J	5-1847	DISP.SYST.	59540	GERRITSEN	GB	3-2055	FK-SPEKTREN	73375			2-1126	KERNSTRHLG.	47
	WR	6-1354	MOLEKUELE	52575	HJ	8- 672	OPT.INSTRUM	28570			7-1258	K-REAKTOREN	47	
GENZ	H	10-1080	KERN-SPEKTR.	42545	GERRMANN	K	9-2551	OPT.EIG.FK	73605			7-1270	KERNSTRHLG.	47
		12- 778	KERN-MESSG.	40512		R	7-2495	FK-SPEKTREN	73365			9-1119	K-REAKTOREN	47
GENZEL	L	8-2481	FK-SPEKTREN	73330	GERSCH	HA	1- 239	STATISTIK	17560			10-1340	K-REAKTOREN	47
GENZOW	D	10-2456	HALBLEITER	71500		HE	10-2256	MAGN.EIG.FK	69025	GHATE	PB	10-1374	KERNSTRHLG.	47
GEOFFRION	B	10-1257	KERNREAKTIO	43054	GERSCHEL	C	5-1079	KERN-SPEKTR.	42560			3-1721	KRIST.FEHL.	67
GEORGE	C	2- 179	STATISTIK	17520			6- 971	KERN-SPEKTR.	42560			3-1884	MECH.EIG.FK	67
		3-1919	GITTERDYN.	67020	GERSHBERG	RE	7-1109	KERN-SPEKTR.	42560	GHEORDANESCU	N	4-1969	MECH.EIG.FK	67
	DC	8- 285	STATISTIK	17520			10-3064	STERNE	94050			7-1171	KERNREAKTIO	47
	DJ	12-3319	LUFTHUELLE	90820	GERSHENZON	EM	2-2233	LEITFHGK.FK	70056	GHEZ	R	11-1987	KRISTALLE	67
	DL	11- 811	STARKE WW.	41735			2-2244	LEITFHGK.FK	70072	GHEZZI	C	1-1843	KRISTALLE	67
		12-1009	STARKE WW.	41725			4-2331	HALBLEITER	71520			3-1108	KERNSTRHLG.	47
	GA	4- 438	AKUSTIK	23510		M	7-2562	OPT.EIG.FK	73645	GHEZZO	M	11-3056	DUENNE SCHI	71
	N	5- 765	KERN-MESSG.	40582	GERSHFELD	NL	10-1849	FLUESSIGK.	58546			10- 919	STARKE WW.	47
	PK	9- 579	OPT.INSTRUM	28570	GERSHINSKII	AE	7-2606	DUENNE SCHI	74040	GHIDINI	B	10- 982	STARKE WW.	47
	R	9-1998	THERMEIG.FK	67510			12-3197	DUENNE SCHI	74040			11- 788	STARKE WW.	47
	S	11- 789	STARKE WW.	41725	GERSHKOVICH	EA	10- 440	WAERME	24070			11- 827	STARKE WW.	47
	TL	8- 87	UNTERRICHT	12045		BN	6-2820	IONOSPHERE	91040	GHIEMMETTI	F	10- 863	ELEMENTART.	47
	TM	8- 328	FELDTHEORIE	18050			9-2795	IONOSPHERE	91040	GHIORSO	A	5-1105	KERN-SPEKTR.	47
	WPR	12-1272	KERN-SPEKTR.	42565	GERSHTEIN	SS	2- 757	ELEMENTART.	41586			7-1244	KERNREAKTIO	47
GEORGELIN	Y	2-2308	HALBLEITER	71510	GERSHUN	AS	3-2348	METAL.LEITG	71000			9- 683	BESCHLEUNIG	47
		6- 482	OPT.INSTRUM	28545			3-2585	OPT.EIG.FK	73645	GHIRARDI	GC	8- 264	QU.FELDTHEO	113
GEORGES	M	10-3078	KOSM.PHYSIK	94510	GERSON	R	8-2121	DIELEKTRIKA	68020			10- 204	QUANTENTHEO	113
		10-1996	KRISTALLE	65584	GERSTEIN	BC	4-2227	LEITFHGK.FK	70024	GHITA	C	11-2785	PHOTOLEITG.	71
GEORGESCU	L	12-2529	MAGN.EIG.FK	69025			7-2157	MAGN.EIG.FK	69040			9-2387	FK-SPEKTREN	73
GEORGHIOJ	S	2-1882	GITTERDYN.											

GHOSH - GITIS

R	11-2093	KRIST.FEHL.	66030	GIGAS	G	10-1165	KERNSEKTR.	42575	GILROY	D	10-1879	FLUESSIGK.	58568
S	12-3309	KOSM.STRLG.	90636	GIGLI	R	10-2195	THERMEIG.FK	67550	GILS VAN	JM	8-2845	SONNENPHYS.	93316
SK	4-364	ELASTIZIT.	22520	GIGLIO	E	2-1331	POLYMER	53535	GILSON	JQ	5-819	ELEMENTART.	41563
	12-379	MECHANIK	22020			5-1914	KRISTALLE	65580		VA	2-526	OPT.INSTRUM	28545
SL	5-2027	MECH.EIG.FK	66514		M	3-482	MASER,LASER	28030	GILVARRY	JJ	5-1234	ATOME	52010
	8-355	ELASTIZIT.	22510			5-677	PHYS.OPTIK	29045			5-2887	SONNENPHYS.	93300
SN	7-2771	IONOSPHERE	91020	GIGUERE	JC	3-340	AKUSTIK	23540			5-2888	SONNENPHYS.	93300
US	8-2240	LEITFHGK.FK	70022		PA	4-2019	GITTERDYN.	67040	GIMARC	BM	11-1397	ATOME	52010
S	5-1563	PLASMA	57050	GIJSMAN	HM	2-2148	MAGN.EIG.FK	69060	GIN	LS	9-974	KERNSEKTR.	42560
HAL	2-1721	KRIST.FEHL.	66010	GIL	FB	6-990	KERNSEKTR.	42565	GINAT	M	8-2835	ASTROPHYSIK	93020
HAGLORE RN	9-249	MECHANIK	22010		B	12-1058	STARKE WW.	41748	GINAVEN	RO	2-1078	KERNREAKTIO	43080
CHETTI A	1-1351	ATOME	52024	GILAD	P	1-1038	KERNSEKTR.	42525	GINDIN	IA	3-1876	MECH.EIG.FK	66540
CONI R	4-2878	KOSM.PHYSIK	94540			3-2927	KERNSEKTR.	96310			3-1897	MECH.EIG.FK	66556
	7-2928	KOSM.PHYSIK	94540			7-1127	KERNSEKTR.	42565			5-2441	METAL.LEITG	71010
	7-2933	KOSM.PHYSIK	94540			1-1945	GITTERDYN.	67010			6-2098	GITTERDYN.	67060
	11-3366	SONNENPHYS.	93316	GILAT	G	8-2071	GITTERDYN.	67020			7-1993	MECH.EIG.FK	66516
OBBE P	8-856	KERN-MESSG.	40542		J	1-1018	KERNSEKTR.	42510			12-2230	KRIST.FEHL.	66015
OMELLI G	3-805	STARKE WW.	41730			1-1019	KERNSEKTR.	42510	GINELL	WS	8-2015	KRIST.FEHL.	66076
	5-747	KERN-MESSG.	40545			1-1032	KERNSEKTR.	42520	GINESTET	J	11-842	STARKE WW.	41740
	5-892	STARKE WW.	41730	GILBERT	A	8-2930	STERNE	94030	GINGERICH	KA	5-2158	FK-SPEKTREN	73370
	5-962	STARKE WW.	41762		DB	11-627	KERN-MESSG.	40582			8-1463	MOLEKUELE	52570
OMETTI G	1-1460	MOLEKUELE	52543		G	7-396	WAERME	24050			11-1575	MOLEKUELE	52570
ANELLA GC	1-1163	KERNREAKTIO	43005		HE	3-2100	MAGN.EIG.FK	69025			11-3357	SONNENPHYS.	93310
BIAGI JJ	10-934	STARKE WW.	41745		J	7-2138	MAGN.EIG.FK	69025			11-3364	SONNENPHYS.	93314
	5-199	QU.FELDTHEO	17010		J	11-1571	MOLEKUELE	52562			11-3368	SONNENPHYS.	93320
	10-179	QUANTENTHEO	16526		RL	3-1783	KRIST.FEHL.	66030	GINIBRE	J	10-288	STATISTIK	17566
	10-879	ELEMENTART.	41580			5-2301	LEITFHGK.FK	70010			11-198	STATISTIK	17530
ONELLI G	2-657	KERN-MESSG.	40560		TL	8-1389	MOLEKUELE	52512			11-221	STATISTIK	17566
ONINI I	12-969	ELEMENTART.	41574		WS	10-767	BESCHLEUNIG	41000	GINNEKEN VAN A		7-1032	KERNSTRUKT.	42075
MM	1-1189	KERNREAKTIO	43026	GILBODY	HB	6-1222	MOLEKUELE	52575	GINOZA	W	8-3034	STRAHL.BIOL	97000
MH	11-892	STARKE WW.	41764			10-1442	ATOME	52065	GINSBURG	DM	3-2321	SUPRALEITG.	70550
R	12-902	BESCHLEUNIG	41040			10-1471	ATOME	52070	ES	6-686	ELEMENTART.	41546	
ONE	1-2818	STERNE	94040			12-1690	MOLEKUELE	52575	GINSBURG A	11-1115	KERNSEKTR.	42560	
	7-2900	STERNE	94040	GILCHRIST CA		9-1644	FLUESSIGK.	58520	IP	1-1596	PLASMA	57050	
NUZZI AJ	9-1932	MECH.EIG.FK	66545	GILCHRIST LE G.	J.				LP	1-228	STATISTIK	17523	
TURCO FA	10-1496	MOLEKUELE	52510			9-2216	SUPRALEITG.	70520			6-190	STATISTIK	17530
DINO DA	3-471	HF-TECHNIK	27560	GILDEMEISTER O	12-900	BESCHLEUNIG	41040		GINTER	ML	3-1208	MOLEKUELE	52512
QUE WF	1-1985	THERMEIG.FK	67510	GILEADI E	6-1743	FLUESSIGK.	58568		GINTOFT	RI	1-563	MASER,LASER	28045
	4-2188	MAGN.EIG.FK	69060	GILES WB	5-1518	POLYMER	53542			8-594	MASER,LASER	28045	
	7-1706	FLUESSIGK.	58530	GILEWICZ J	6-1143	KERNSTRHLG.	44010		GINZBURG A		9-1036	KERNREAKTIO	43050
	7-2176	MAGN.EIG.FK	69060	GILFANOV FZ	3-2504	FK-SPEKTREN	73325		IF	1-844	STARKE WW.	41700	
	11-2230	THERMEIG.FK	67510			3-2505	FK-SPEKTREN	73325	IM	12-1636	MOLEKUELE	52538	
	11-2057	KRISTALLE	65588			4-2443	FK-SPEKTREN	73325	IP	3-1367	PLASMA	57050	
RT P	5-2265	MAGN.EIG.FK	69045			5-2554	FK-SPEKTREN	73325	LG	6-2335	LEITFHGK.FK	70060	
RD RW	7-230	STATISTIK	17526			6-1913	KRIST.FEHL.	66030	NI	2-2280	SUPRALEITG.	70530	
ONS DJ	10-2519	PHOTOLEITG.	72510			10-1949	KRISTALLE	65545	SL	8-2294	LEITFHGK.FK	70056	
JF	11-2133	KRIST.FEHL.	66065			11-2842	FK-SPEKTREN	73320			8-2305	LEITFHGK.FK	70074
	11-2662	KRIST.FEHL.	66025	GILFRICH JV	9-657	KERN-MESSG.	40525				12-2725	SUPRALEITG.	70550
JH	1-1212	KERNREAKTIO	43048	GILGORE A	5-614	OPT.INSTRUM	28530		VL	1-2855	KOSM.PHYSIK	94583	
	5-1131	KERNREAKTIO	43040	GILINSKII IA	4-2460	FK-SPEKTREN	73335			12-2702	SUPRALEITG.	70520	
	6-2927	STERNE	94040	GILINSKY AS	7-2969	SEHEN	96614		GION	EJ	10-1740	PLASMA	57253
	8-1238	KERNREAKTIO	43080		V	7-2795	IONOSPHERE	91072	GIORDMAINE JA		5-1470	MOLEKUELE	52580
	9-1015	KERNREAKTIO	43040	GILL AE	3-2790	LUFTHUELLE	90840				5-1826	FLUESSIGK.	58573
PE	9-2935	STERNE	94040	D	5-526	HF-TECHNIK	27560		GIORGADZE NP		6-1903	KRIST.FEHL.	66025
	2-2385	HALBLEITER	71566		11-2950	FK-SPEKTREN	73370		GIOROI TA		7-2079	THERMEIG.FK	67510
	4-2359	HALBLEITER	71563		11-2952	FK-SPEKTREN	73370		GIORNI A		6-923	KERNSEKTR.	42540
BW	2-1425	PLASMA	57206		DH	8-1753	FLUESSIGK.	58530			12-1358	KERNREAKTIO	43054
DG	4-527	ELEKTRODYN.	26500		DM	6-567	KERN-MESSG.	40518	GIOVA A		6-555	KERN-MESSG.	40512
GB	2-1777	KRIST.FEHL.	66035		JC	3-2101	FK-SPEKTREN	73355	GIOVANELLI RG		2-2827	SONNENPHYS.	93324
HM	6-933	KERNSEKTR.	42540		JJ	6-2236	GRENZFL.FK	74576			7-2850	SONNENPHYS.	93324
JL	7-73	LABORTECHN.	12530		R	2-2209	LEITFHGK.FK	70028	GIOVANNINI A		1-135	QUANTENTHEO	16516
RL	8-1296	ATOME	52010		RD	8-1110	KERNSEKTR.	42540			5-162	QUANTENTHEO	16530
WEK	3-502	MASER,LASER	28045			8-1124	KERNSEKTR.	42545			5-952	STARKE WW.	41755
	3-2571	OPT.EIG.FK	73640			12-1218	KERNSEKTR.	42545			9-879	STARKE WW.	41780
	6-403	MASER,LASER	28045		SJ	9-2077	MAGN.EIG.FK	69010			10-177	QUANTENTHEO	16526
WR	11-1175	KERNREAKTIO	43008			11-1632	POLYMER	53546	B		7-2460	FK-SPEKTREN	73350
A	1-1688	PLASMA	57263			12-501	THERMODYN.	24554			9-2463	FK-SPEKTREN	73355
	5-1662	PLASMA	57263		WD	6-1779	KRISTALLE	65510			9-2466	FK-SPEKTREN	73395
	10-1744	PLASMA	57263	GILLE J	5-1713	GASE	58040		R		10-742	KERN-MESSG.	40930
AF	9-2354	PHOTOLEITG.	72510	JC	8-562	HF-TECHNIK	27595		GIPPIUS EF		6-1311	MOLEKUELE	52560
BF	2-942	KERNSEKTR.	42535			10-1538	MOLEKUELE	52536	GIPSON DH		7-785	KERN-MESSG.	40540
	10-1014	KERNSTRUKT.	42010			11-3277	LUFTHUELLE	90830	GIRAEV MA		11-2745	HALBLEITER	71566
	10-1015	KERNSTRUKT.	42010	GILLEN KT	8-1479	MOLEKUELE	52575				12-2837	PHOTOLEITG.	72510
	12-1141	STARKE WW.	41790	R	8-1859	KRISTALLE	65545		GIRARD A		3-559	OPT.INSTRUM	28530
DK	1-1495	MOLEKUELE	52575			2-1949	THERMEIG.FK	67556			3-608	PHYS.OPTIK	29010
	5-1298	MOLEKUELE	52570	GILLES PW	2-1950	THERMEIG.FK	67556				6-452	OPT.INSTRUM	28530
ED	1-1920	MECH.EIG.FK	66514	SE	12-488	WAERME	24060		B		4-602	HF-TECHNIK	27560
	5-2022	MECH.EIG.FK	66514	GILLESPIE CJ	1-2272	SUPRALEITG.	70520				5-1775	FLUESSIGK.	58540
JAB	5-734	KERN-MESSG.	40518	D	2-797	STARKE WW.	41730		GIRARDEAU MD		5-2222	MAGN.EIG.FK	69020
JW	1-2378	SUPRALEITG.	70540		3-803	STARKE WW.	41730				11-178	STATISTIK	17520
WA	5-1147	KERNREAKTIO	43050		6-812	STARKE WW.	41764				12-2526	MAGN.EIG.FK	69020
WM	3-1825	KRIST.FEHL.	66062	J	3-146	QUANTENTHEO	16550		GIRARDELLO L		11-131	QUANTENTHEO	16578
	11-2126	KRIST.FEHL.	66062	RJ	5-1422	MOLEKUELE	52540				11-132	QUANTENTHEO	16578
	11-2138	KRIST.FEHL.	66065	T	11-1911	FLUESSIGK.	58540		GIRARDET JL		6-1392	POLYMER	53544
WR	11-1256	KERNREAKTIO	43052	V	4-1055	KERNSTRUKT.	42070		GIRARDI F		9-1844	KRIST.FEHL.	66025
ON WILDE B.C.					4-1059	KERNSTRUKT.	42070		GIRAUD B		3-895	KERNSTRUKT.	42070
	4-2765	IONOSPHERE	91050		11-955	KERNSTRUKT.	42020				4-1059	KERNSTRUKT.	42070
	6-763	STARKE WW.	41725		11-990	KERNSTRUKT.	42070				11-951	KERNSTRUKT.	42020
LEWICH EJ	7-2919	KOSM.PHYSIK	94520			4-2866	KOSM.PHYSIK	94520			11-955	KERNSTRUKT.	42020
LEWICH EY	11-3430	KOSM.PHYSIK	94520	GILLET FC	4-2866	KOSM.PHYSIK	94520		GIRAULT P		11-2840	FK-SPEKTREN	73320
WENS DP	1-1714	GASE	58025	GILLETTA F	12-2492	DIELEKTRIKA	68030		GIRES F		1-701	PHYS.OPTIK	29063
	12-310	STATISTIK	17523	GILLI L	2-2892	HOEREN	96320				8-723	PHYS.OPTIK	29045
	6-1332	MOLEKUELE	52570	GILLIES D	9-474	HF-TECHNIK	27560				11-558	PHYS.OPTIK	29060
RR	11-1442	ATOME	52065	GILLILAND JW	4-2516	OPT.EIG.FK	73650		GIRIAT W		11-2690	HALBLEITER	71530
	5-179	QUANTENTHEO	16575	GILLIS NS	9-1965	GITTERDYN.	67040		GIRIFALCO LA		2-1626	KRISTALLE	65530
TT	3-2695	GRENZFL.FK	74583			10-267	STATISTIK	17535			11-2071	KRIST.FEHL.	66010
HAPP	5-1516	POLYMER	53542	PP	12-2373	GITTERDYN.	67000				11-2072	KRIST.FEHL.	66010
IEWSKI C	9-1416	POLYMER	53542		5-2035	MECH.EIG.FK	66540						
ASCH P	5-2907	PLANETEN	93613		12-2268	KRIST.FEHL.	66035		GIRIJAVALLABHAN C.P.		9-1252	MOLEKUELE	52510
	12-3403	PLANETEN	93610	GILLOT D	1-1787	FLUESSIGK.	58562				2-1181	MOLEKUELE	52562
ULA J	3-871	STARKE WW.	41783	GILLOTT DH	8-2185	MAGN.EIG.FK	69035		GIRIN OP		3-1257	MOLEKUELE	52560

GITMAN	DM	12- 316	STATISTIK	17523	GLAUDEMANS	PWM	7-1211	KERNREAKTIO	43064	GO	N	3-1300	POLYMERE	5
		12- 321	STATISTIK	17530			11-1060	KERNSPEKTR.	42545			6-1398	POLYMERE	5
GITOMER	SJ	4-1692	PLASMA	57015	GLAZANOV	VE	9- 352	AUSTIK	23530	GOBBI	A	10-1315	KERNREAKTIO	4
GITTER	VM	1- 415	WAERME	24026	GLAZER	AA	10-2762	DUENNE SCHI	74010			3- 848	STARKE WW.	4
GITTINS	A	8-2050	MECH.EIG.FK	66545	GLAZOV	BI	10- 680	PHYS.OPTIK	29010			11- 885	STARKE WW.	4
GITTLEMAN	JJ	4-2291	SUPRALEITG.	70530		OA	3-1368	PLASMA	57045			11- 886	STARKE WW.	4
GIUDICE DEL		6- 125	QUANTENTHEO	16580	GLAZOW	AA	4- 853	BESCHLEUNIG	41040			12-1110	STARKE WW.	4
GIUFFRE	S	1-1671	PLASMA	57210	GLAZUNOV	VK	1- 590	MASER, LASER	28055	GOBELI	GW	6-2727	GRENZFL.FK	7
GIULIANI	B	6-1912	KRIST.FEHL.	66030	GLAZYRIN	MP	6- 540	PHYS.OPTIK	29083	GOBIN	P	6-2031	MECH.EIG.FK	6
		10-2057	KRIST.FEHL.	66065	GLEDHILL	TD	1-2046	FK-SPEKTREN	73370			9-1982	GITTERDYN.	6
	JF	5- 587	MASER, LASER	28060	GLEED	WL	12- 163	VAKUUM	13050			10-2162	GITTERDYN.	6
		7- 579	MASER, LASER	28060	GLEESON	AM	2- 855	STARKE WW.	41755	GOBLE	DF	1-1737	FLUESSIGK.	5
GIULIANO	CR	4-1536	MOLEKUELE	52585			4- 940	STARKE WW.	41725			12-1955	FLUESSIGK.	5
		6- 425	MASER, LASER	28055			5- 964	STARKE WW.	41764			8- 933	STARKE WW.	4
GIUPPONI	P	5-1626	PLASMA	57090			7- 955	STARKE WW.	41753	GOBOV	GL	12-2874	FK-SPEKTREN	7
GIURA	M	4-2231	LEITFHGK.FK	70024			12-1118	STARKE WW.	41764	GOBRECHT	H	2-2396	HALBLEITER	7
		8-2238	LEITFHGK.FK	70022		LJ	3-2885	PLANETEN	93650			3-2240	LEITFHGK.FK	7
GIURA DI	V	12-2472	DIELEKTRIKA	60020		R	1- 825	ELEMENTART.	41566			4-1905	KRIST.FEHL.	6
GIUSIANO	F	3- 425	OPT.INSTRUM	27068			4- 997	STARKE WW.	41764			12-3193	DUENNE SCHI	7
GIVAUDON	P	4- 653	OPT.INSTRUM	28500	GLEIM	PS	1-2598	DUENNE SCHI	74010			8-2093	THERMEIG.FK	6
GIVENS	MP	8- 78	UNTERRICHT	12035	GLEISSBERG	C	9-2834	Sonnenphys.	93300			7-2072	THERMEIG.FK	6
		11- 519	OPT.INSTRUM	28570	GLEITZER	W	7-1858	KRISTALLE	65588			6-2653	DUENNE SCHI	7
		11- 522	OPT.INSTRUM	28570	GLEMBOCKYS	II	9-1167	ATOME	52010	GOC	R	12-2357	MECH.EIG.FK	6
GIVER	LP	12-1662	MOLEKUELE	52560	GLEN	JW	9-1935	MECH.EIG.FK	66545	GOCHEV	D	10- 737	KERN-MESSG.	4
GIZON	A	1-1139	KERN-SPEKTR.	42565	GLENSER	O	12-1622	MOLEKUELE	52536	GODART	O	1-2742	LUFTHUELLE	9
		1-1140	KERN-SPEKTR.	42565	GLEN	JW	1-1208	KERNREAKTIO	43046			11-3465	KOSM.PHYSIK	9
		2- 998	KERN-SPEKTR.	42575	GLENDENIN	LE	4-1287	KERNREAKTIO	43092	GODDARD III	WA	1-1363	ATOME	5
		5-1088	KERN-SPEKTR.	42565			2-1057	KERNREAKTIO	43056			10-1494	MOLEKUELE	5
		11-1091	KERN-SPEKTR.	42555	GLENDENNING	NK	4-1153	KERN-SPEKTR.	42570			12-1461	ATOME	5
	J	1-1140	KERN-SPEKTR.	42565			7-1139	KERN-SPEKTR.	42575			12-1466	ATOME	5
		2- 987	KERN-SPEKTR.	42565			7-1151	KERN-SPEKTR.	43010	GODDEN	G	5- 869	STARKE WW.	4
		4-1136	KERN-SPEKTR.	42565			11-1279	KERN-SPEKTR.	43056	GODEAU	A	12- 786	KERN-MESSG.	4
		5-1088	KERN-SPEKTR.	42565	GLENN	JE	1-1098	KERN-SPEKTR.	42555	GODEFROY	G	11-2284	DIELEKTRIKA	6
		7-1124	KERN-SPEKTR.	42565			11-1309	KERN-SPEKTR.	43064			11-2285	DIELEKTRIKA	6
GJALDBAEK	JP	12-1269	KERN-SPEKTR.	42565			12-1280	KERN-SPEKTR.	42570			6-2162	DIELEKTRIKA	6
GJESSING	DT	8-2746	LUFTHUELLE	90810		JW	7-2697	ERDKOERPER	90260			12-2474	DIELEKTRIKA	6
GJEVIK	B	7- 326	HYDRODYNAM.	23020		WH	10-3138	HOEREN	96320	GODEL	J	4- 139	LABORTECHN.	1
GJOSTEIN	NA	3-2663	GRENZFL.FK	74520			7- 525	MASER, LASER	28030	GODERSKA	S	7-2662	GRENZFL.FK	7
		8-1927	KRIST.FEHL.	66015			10- 564	MASER, LASER	28040	GODET	M	9- 296	HYDRODYNAM.	2
		10-2021	KRIST.FEHL.	66020			10- 565	MASER, LASER	28040	GODFREY	BE	4- 832	KERN-MESSG.	4
GJOTTERUD	K	6- 543	KERNPHYSIK	40000	GLENN JR.	WH	1- 545	MASER, LASER	28030	GODIK	EE	4-2402	PHOTOLEITG.	7
GLADKI	Y	11- 610	KERN-MESSG.	40560	GLICKSTEIN	SS	8-1258	K-REAKTOREN	43515	GODINA	NA	6-2593	OPT.EIG.FK	7
GLADKII	VH	12-2337	MECH.EIG.FK	66514			11-1372	KERNSTRHLG.	44010	GODNEV	IN	8- 472	THERMODYN.	2
GLADKIKH	LI	4- 376	MECH.EIG.FK	66540	GLIKI	NV	3-1619	KRISTALLE	65512			10-1498	MOLEKUELE	5
GLADKOV	NT	11-1968	KRISTALLE	65510	GLIMM	J	1- 219	QU.FELDTHEO	17025			10-1514	MOLEKUELE	5
GLADKOVSKII	IP	9-2651	DUENNE SCHI	74050			10- 255	QU.FELDTHEO	17050	GODOLI	G	5-2897	Sonnenphys.	9
GLADMAN	D	11-1789	PLASMA	57213	GLINCHOUK	MD	7-2464	FK-SPEKTREN	73355	GODSCHALK	W	9- 54	LABORTECHN.	1
GLADNEY	HM	7-2479	FK-SPEKTREN	73355	GLINCHUK	KD	1-2395	HALBLEITER	71566	GODUNOV	SK	1-1698	GASENTLADG.	5
GLADSHTEIN	LS	12-1895	GASENTLADG.	57840			4-2345	HALBLEITER	71540	GODWIN	RP	1-1828	FK-SPEKTREN	7
GLADY	ND	4-2787	IONOSPHERE	91072		MD	9-2316	HALBLEITER	71566			7-2671	GRENZFL.FK	7
GLADUN	A	6-1611	GAZE	58040			8-2510	FK-SPEKTREN	73350			10-2792	DUENNE SCHI	7
GLADYSHEV	PP	1-1794	FLUESSIGK.	58570	GLINSKA	E	12-3002	FK-SPEKTREN	73355			10-2793	DUENNE SCHI	7
GLADYSHEVSKII	E.I.						6-1920	KRIST.FEHL.	66035			11-3143	DUENNE SCHI	7
		10-2003	KRISTALLE	65588	GLIOZZI	A	7-1731	FLUESSIGK.	58546	GODWOD	K	2-1668	KRISTALLE	6
		11-2050	KRISTALLE	65584	GLOBUS	ES	9-2655	DUENNE SCHI	74060	GODYAK	VA	7-1591	PLASMA	5
GLAESER	W	9-2250	METAL.LEITG	71010	GLOCK	E	5- 509	TEILCH.OPT.	27068	GODZHAEV	VM	7-1993	MECH.EIG.FK	6
GLAETTLI	JR	8-2215	MAGN.EIG.FK	69065	GLODEANU	A	5- 149	QUANTENTHEO	16516	GODZHOVA	R	11-3325	IONOSPHERE	9
GLANFIELD	H	6-2939	KOSM.PHYSIK	94510	GLOECKLER	G	11-3433	KOSM.PHYSIK	94530	GOEBEL	CJ	7- 181	QUANTENTHEO	1
GLANG	R	4-2562	DUENNE SCHI	74020	GLOGE	D	3- 462	HF-TECHNIK	27530	GOEDDEL	WV	8-1268	K-REAKTOREN	4
		6-2657	DUENNE SCHI	74040			8- 728	PHYS.OPTIK	29050	GOEDECKE	SH	12- 334	FELDTHEORIE	1
		8-2652	DUENNE SCHI	74040			9- 594	PHYS.OPTIK	29010	GOEDEMOED	GH	2-2293	SUPRALEITG.	7
GLANGEAUD	F	2-2723	GEOMAGNET.	90440	GLIOSCHENKO	WA	10- 699	PHYS.OPTIK	29055	GOEDICKE	K	5-2131	THERMEIG.FK	6
		3-2723	GEOMAGNET.	90440	GLORIA	EM	1-2691	ERDKOERPER	90260	GOEL	SP	5- 993	STARKE WW.	4
GLASER	H	4- 3	BIOGRAPHIEN	10212			3-2931	SEHEN	96614	GOELER VOM	E	5- 838	ELEMENTART.	4
	V	12- 111	LABORTECHN.	12530			5-2990	SEHEN	96614			6- 565	KERN-MESSG.	4
		2- 791	STARKE WW.	41725			6-3005	SEHEN	96610	GOENNENWEIN	F	4-1715	PLASMA	5
GLASGOW	DC	4- 284	QU.FELDTHEO	17060		HR	5- 617	OPT.INSTRUM	28530			4-1286	KERNREAKTIO	4
GLASHAUSSER	W	2- 895	KERNSTRUKT.	42010	GLLOTIN	PM	11-2141	KRIST.FEHL.	66065	GOENNER	H	12- 832	KERN-MESSG.	4
		8-1213	KERNREAKTIO	43054	GLOVER	EM	11- 157	QU.FELDTHEO	17020			4- 326	FELDTHEORIE	1
		10-1249	KERNREAKTIO	43050		GH	7-2111	DIELEKTRIKA	68020			6- 220	MECHANIK	2
		10-1263	KERNREAKTIO	43054			11- 407	HF-TECHNIK	27530	GOENS	J	12- 37	BIOGRAPHIEN	1
		10-1264	KERNREAKTIO	43054		GM	11-1872	FLUESSIGK.	58510	GOER DE	AM	4-1953	KRIST.FEHL.	6
GLASHOW	SL	1- 783	ELEMENTART.	41530		RE	4-2296	SUPRALEITG.	70530	GOERING	II	2- 27	BUECHER	1
		1- 806	ELEMENTART.	41546		RN	3- 893	KERNSTRUKT.	42070	GOERLICH	P	2- 32	BUECHER	1
		2- 840	STARKE WW.	41753			11-1064	KERN-SPEKTR.	42545			4- 12	BIOGRAPHIEN	1
		7- 948	STARKE WW.	41753			11-1286	KERNREAKTIO	43060			7-2568	OPT.EIG.FK	7
		8- 949	ELEMENTART.	41540			12-1233	KERN-SPEKTR.	42550			10-2559	FK-SPEKTREN	7
GLASNER	A	11-3249	KOSM.STRLG.	90630	GLOWACKI	AM	9- 707	BESCHLEUNIG	41020	GOERRES	J	10-2562	FK-SPEKTREN	7
GLASNIK	I	9-1847	KRIST.FEHL.	66025	GLUCK	JV	12-2443	THERMEIG.FK	67550			11-2785	PHOTOLEITG.	7
GLASOV	EA	3-2384	HALBLEITER	71520			4-2042	GITTERDYN.	67070			6- 582	KERN-MESSG.	4
GLASS	AM	6- 629	BESCHLEUNIG	41010			10- 276	STATISTIK	17540			6- 600	KERN-MESSG.	4
		12-1637	MOLEKUELE	52540			10- 292	STATISTIK	17569	GOERSCH	H	7-2173	MAGN.EIG.FK	6
		1-1877	KRIST.FEHL.	66030			10-1823	FLUESSIGK.	58525	GOERTLER	H	1- 57	MESSEN	1
		1-1878	KRIST.FEHL.	66030			11-1925	FLUESSIGK.	58550	GOERTZ	A	10-1544	MOLEKUELE	5
		12-2238	KRIST.FEHL.	66025			12-2008	FLUESSIGK.	58546	GOERZ JR.	DJ	10- 818	BESCHLEUNIG	4
		12-2258	KRIST.FEHL.	66030	GLUCKSTERN	RL	6-1035	KERNREAKTIO	43030	GOETTEL	P	7- 771	KERN-MESSG.	4
	B	4-2674	GEOMAGNET.	90430			8- 781	KERN-MESSG.	40555	GOETTLICHER	S	9-1794	KRISTALLE	6
GLASSER	BP	1-2697	GEOMAGNET.	90430			3- 120	QUANTENTHEO	16516	GOETZ	AFH	1-2489	FK-SPEKTREN	7
	O	5- 838	ELEMENTART.	41574	GLUECK	M	3-1171	ATOME	52070			6-2903	PLANETEN	9
	OP	6- 565	KERN-MESSG.	40584	GLUSHKOV	MY	4-2251	LEITFHGK.FK	70056			9-2510	FK-SPEKTREN	7
	JA	6-1342	MOLEKUELE	52575	GLUSHNEVA	IN	8-2948	STERNE	94050			5-2749	GRENZFL.FK	7
	II	4-2674	GEOMAGNET.	90430	GLUZMAN	NG	4-2262	LEITFHGK.FK	70072	GOETZBERGER	A	11-2748	HALBLEITER	7
GLATKE	JC	12-1224	KERN-SPEKTR.	42545			7- 738	KERN-MESSG.	40503			11-2765	HALBLEITER	7
GLATZEL	K	1- 45	BUECHER	11010	GLYADKOVSKII	Y.I.						1-1942	GITTERDYN.	6
	L	9-1625	FLUESSIGK.	58510			4-1513	FK-SPEKTREN	73325	GOETZE	W	3-1913	GITTERDYN.	6
	WA	5- 781	BESCHLEUNIG	41020	GLYADKOVSKY	VI	8-2598	OPT.EIG.FK	73625			3-1931	GITTERDYN.	6
		9-3029	STRAHL.BIOL	97020	GLYDE	HR	8-1926	KRIST.FEHL.	66015	GOEYA	LV	11-1510	MOLEKUELE	5
	L	2-1963	DIELEKTR											

GOKHALE - GOODALL

LE	BG	3-2478	FK-SPEKTREN	73315	GOLDMAN	AG	9-2609	OPT.EIG.FK	73645	GOLOSOV	MS	4-1895	KRISTALLE	65588
ERG	MH	4-1718	PLASMA	57260	AM	7-2264	SUPRALEITG.	70520	GOLOVACH	LA	11-1178	KERNREAKTIO	43008	
	M	2-2727	GEOMAGNET.	90450	D	3- 954	KERNSEKTR.	42555	GOLOVANYISKY	K.S.				
		11-3235	GEOMAGNET.	90450		8-1158	KERNSEKTR.	42560			1-1573	PLASMA	57045	
		11-3236	GEOMAGNET.	90450	E	7-1649	GASE	58010			1-1595	PLASMA	57040	
THEIN	MB	9-2818	MAGNETOSPH.	91250	GM	1-2410	HALBLEITER	71580	GOLOVANOVA	NF	11- 818	STARKE WW.	41735	
T	AY	12-2370	MECH.EIG.FK	66556		6-2575	OPT.EIG.FK	73605	GOLOVASHKIN	AG	12-2662	LEITFHGK.FK	70056	
	MB	7- 496	HF-TECHNIK	27523	ID	12-1263	KERNSEKTR.	42560		AI	7-2203	LEITFHGK.FK	70024	
	VE	2-1467	PLASMA	57266	LH	9-1064	KERNREAKTIO	43066			7-2534	OPT.EIG.FK	73605	
		6-1562	PLASMA	57279	LM	1-1501	MOLEKUELE	52550			10-2449	METAL.LEITG	71000	
		6-1563	PLASMA	57279		2-1479	GASENTLADG.	57870	GOLOVCHENKO	YV	9- 986	KERNSEKTR.	42565	
HVILI	TV	1- 65	LABORTECHN.	12500		10-2658	FK-SPEKTREN	73370	GOLOVEI	MP	1-2572	OPT.EIG.FK	73645	
EMSKI	AY	12-1195	KERNSEKTR.	42525		11-2942	FK-SPEKTREN	73370	GOLOVENCHITS	E.I.				
		4-2224	LEITFHGK.FK	70024	MV	5-1601	PLASMA	57085			6- 383	HF-TECHNIK	27560	
		10-2371	LEITFHGK.FK	70024		7-1570	PLASMA	57085			12-3006	FK-SPEKTREN	73360	
	LW	4-1981	MECH.EIG.FK	66516	R	4-1659	PLASMA	57070	GOLOVIN	AF	3-1162	ATOME	52030	
	R	7- 868	ELEMENTART.	41560		8- 287	STATISTIK	17523		DM	5- 916	STARKE WW.	41740	
		9-2749	KOSM.STRLG.	90640		11- 180	STATISTIK	17523			10- 932	STARKE WW.	41740	
		9-2750	KOSM.STRLG.	90640	GOLDMANN	A	1-1188	KERNREAKTIO	43026		SA	5-2032	MECH.EIG.FK	66516
	RE	10-2431	SUPRALEITG.	70540		9-1008	KERNREAKTIO	43024	GOLOVINA	ES	2- 371	THERMODYN.	24554	
	RR	8-1599	PLASMA	57045		11-1213	KERNREAKTIO	43034	GOLOVKIN	VS	6- 56	LABORTECHN.	12530	
	T	1-2678	ERDKOERPER	90230	GOLDREICH	P	10-3051	STERNE	94030	GOLOVKO	OP	9-1977	GITTERDYN.	67060
		9-2902	PLANETEN	93640		10-3099	KOSM.PHYSIK	94550		YA	5-2013	MECH.EIG.FK	66512	
NSKII	VI	11-3414	STERNE	94060	GOLDRICH	FE	12-2193	KRISTALLE	65584	GOLOVKOV	NA	6- 993	KERNSEKTR.	42565
		4-1076	KERNSEKTR.	42510	GOLDRING	G	1-1038	KERNSEKTR.	42525	GOLOVNER	TH	6-2471	HALBLEITER	71570
		4-1194	KERNREAKTIO	43014		1-1137	KERNSEKTR.	42565	GOLOVNEV	YF	9-2650	DUENNE SCHI	74050	
		7-2403	FK-SPEKTREN	73310		3-1086	KERNREAKTIO	43080	GOLOVSKII	EA	6- 54	LABORTECHN.	12525	
		9-1277	FK-SPEKTREN	73310		5-1179	KERNREAKTIO	43085	GOLOWICH	E	8-1003	STARKE WW.	41755	
NSKY	VI	10-2822	GRENZFL.FK	74570	GOLDSACK	SJ	7-1127	KERNSEKTR.	42565			12-1079	STARKE WW.	41755
		4-1331	KERNSTRHLG.	44030		6- 818	STARKE WW.	41764	GOLOYADOV	VA	11- 449	MASER,LASER	28045	
		9-1038	KERNREAKTIO	43050		7- 991	STARKE WW.	41775	GOLUB	R	4-1369	ATOME	52035	
		9-2376	FK-SPEKTREN	73310		8- 968	STARKE WW.	41730		SI	8-2602	OPT.EIG.FK	73630	
		3-1312	POLYMERE	53542		11- 809	STARKE WW.	41730	GOLUBCHIKOV	LB	8-1663	PLASMA	57206	
ACH	G	10-1014	KERNSTRUKT.	42010	GOLDSCHMIDT	P	10-1364	KERNSTRHLG.	44010	GOLUBEV	BP	8-1287	KERNSTRHLG.	44010
ERG	A	10-1015	KERNSTRUKT.	42010		ZB	1-1346	ATOME	52020		GP	3-2581	OPT.EIG.FK	73650
		12-1141	STARKE WW.	41790	GOLDSCHMIDT	CLERMONT	Y.					5-2578	FK-SPEKTREN	73325
	H	5- 204	QU.FELDTHEO	17015			3- 861	STARKE WW.	41767		VA	2- 611	PHYS.OPTIK	29066
		6- 803	STARKE WW.	41755			5- 894	STARKE WW.	41730		VG	7- 281	MECHANIK	22010
		6- 823	STARKE WW.	41767			5- 896	STARKE WW.	41730		YM	10- 756	KERN-MESSG.	40582
		7- 169	QUANTENTHEO	16575			6- 835	STARKE WW.	41770	GOLUBEVA	LA	9-1894	KRIST.FEHL.	66065
		8- 223	QUANTENTHEO	16575			6- 836	STARKE WW.	41770	GOLUBKOV	AY	1-1986	THERMEIG.FK	67510
	I	1- 259	FELDTHEORIE	18020	GOLDSCHVARTZ	J.M.						3-1977	THERMEIG.FK	67510
		4- 258	QU.FELDTHEO	17010		9- 68	LABORTECHN.	12530		GOLUBOVSKY	JB	5- 599	OPT.INSTRUM	28510
	IB	9-2241	SUPRALEITG.	70550	GOLDSHTEIN	AM	7- 288	MECHANIK	22036		YB	9-1209	ATOME	52047
		12-2727	SUPRALEITG.	70550		LM	4-2637	GRENZFL.FK	74563			9-1586	GASENTLADG.	57840
	J	11- 888	STARKE WW.	41764		VA	6- 605	KERN-MESSG.	40570	GOLUBOWSKY	JB	5-1681	GASENTLADG.	57840
	JL	9- 257	MECHANIK	22020			11- 599	KERN-MESSG.	40532	GOLUBTSOV	IV	9-2046	THERMEIG.FK	67556
	JN	9- 104	MATH.PHYSIK	16020	GOLDSHTIK	MA	6-1653	HYDRODYNAM.	23020	GOLUTVIN	IA	4- 821	KERN-MESSG.	40560
		9- 178	QU.FELDTHEO	17010	GOLDSMID	HJ	1-2339	HALBLEITER	71530	GOLYSKIN	VI	4-1226	KERNREAKTIO	43046
	L	7-2834	SONNENPHYS.	93300			1-2422	THERMOELEKT	72010	GOLZMAN	BH	12- 482	WAERME	24050
		8-2850	SONNENPHYS.	93316	GOLDSMITH	BJ	9- 718	BESCHLEUNIG.	41030	GOMBAS	P	2- 33	BUECHER	11020
		10-3091	KOSM.PHYSIK	94550		N	3-1769	KRIST.FEHL.	66025			9-1168	ATOME	52010
	LS	11-3012	OPT.EIG.FK	73625		S	3-2614	DUENNE SCHI	74010	GOMBEROFF	L	2-1216	ATOME	52070
	M	1- 963	STARKE WW.	41770			6-1574	PLASMA	57015	GOMER	R	7-2651	GRENZFL.FK	74535
		3- 821	STARKE WW.	41745			12-1502	ATOME	52024	GOMES	AA	1-2425	THERMOELEKT	72010
		4- 956	STARKE WW.	41740	GOLDSTEIN	A	2-1449	PLASMA	57253		LC	5-2220	MAGN.EIG.FK	69015
		5- 968	STARKE WW.	41764			3-2203	LEITFHGK.FK	70024			9-2169	LEITFHGK.FK	70024
		5- 979	STARKE WW.	41770		AB	10-1799	GASE	58050			12-1155	KERNSTRUKT.	42020
		6- 750	STARKE WW.	41710		CM	9-1610	GASE	58025	GOMEZ	R	1- 884	STARKE WW.	41745
		11- 788	STARKE WW.	41725		DP	10-3134	HOEREN	96310	GOMIDE	FM	10-3108	KOSM.PHYSIK	94560
		11- 789	STARKE WW.	41725		H	1-1308	KERNSTRHLG.	44010	GOMPERTS	MC	4- 460	AKUSTIK	23550
	N	11-3059	DUENNE SCHI	74010		JI	6-2895	PLANETEN	93630	GONANO	R	11-2249	THERMEIG.FK	67530
	S	8- 11	BIOGRAPHIEN	10220		L	1- 72	LABORTECHN.	12530	GONAS	AM	6-2015	MECH.EIG.FK	66514
	SS	6-1713	FLUESSIGK.	58557			1-1677	PLASMA	57279	GONAUSER	E	9-1155	KERNSTRHLG.	44033
	VZ	2-1081	KERNREAKTIO	43080			1-2005	THERMEIG.FK	67556	GONCEAR	M	3- 52	UNTERRICHT	12030
		10-1304	KERNREAKTIO	43075			6- 55	LABORTECHN.	12530	GONCHARENKO	AM	5- 596	MASER,LASER	28060
		4- 243	QUANTENTHEO	16582		M	6-1239	ATOME	52070			12- 591	MASER,LASER	28035
BERGER	M	8-1010	STARKE WW.	41755		ME	1- 350	HYDRODYNAM.	23030		IA	5-2032	MECH.EIG.FK	66316
	ML	11- 731	ELEMENTART.	41563			9- 303	HYDRODYNAM.	23030	GONCHAROV	IN	12- 519	ELEKTRIZIT.	26030
BLATT	N	9-1711	FLUESSIGK.	58573		R	4- 215	QUANTENTHEO	16533		VA	3- 515	MASER,LASER	28050
	NR	2- 312	AKUSTIK	23540			5-1221	KERNSTRHLG.	44010			5- 569	MASER,LASER	28050
BURG	WI	3-2032	FK-SPEKTREN	73370			5-1222	KERNSTRHLG.	44010	GONCHAROVA	AA	2-2090	MAGN.EIG.FK	69030
		8-2204	MAGN.EIG.FK	69060		RJ	4- 413	HYDRODYNAM.	23040		EV	5-2351	LEITFHGK.FK	70035
	DE	7-1464	MOLEKUELE	92570			6- 243	HYDRODYNAM.	23010		HS	10- 425	WAERME	24020
EN	RM	11-3496	HOEREN	96320			8- 465	WAERME	24060	GONCHARSKY	AV	8-2950	STERNE	94050
	SA	6-1284	MOLEKUELE	92520			9- 386	WAERME	24060	GONDAIRA	K	9-2366	FK-SPEKTREN	73300
		12-1660	MOLEKUELE	92560			12- 486	WAERME	24060		KI	2-2092	MAGN.EIG.FK	69030
ENBAUM	OC	4-1626	PLASMA	57020		RM	10-2983	PLANETEN	93612			2-2474	FK-SPEKTREN	73325
		7-1534	PLASMA	57050		S	9-2324	HALBLEITER	71570			5-1886	KRISTALLE	65545
ENBERG	SA	8-1587	PLASMA	57033	GOLDSTEIN JR.	S.J.						12-2883	FK-SPEKTREN	73325
	SU	2-1841	MECH.EIG.FK	66518			11-3441	KOSM.PHYSIK	94550	GONDI	P	3-1803	KRIST.FEHL.	66035
FARB	EM	3- 354	WAERME	24050	GOLDSZTAUB	S	1-1849	KRISTALLE	65574			6-1961	KRIST.FEHL.	66035
	LJB	12-1364	KERNREAKTIO	43062			7-1836	KRISTALLE	65574			7-1922	KRIST.FEHL.	66035
	VH	10-1653	PLASMA	57020			8-2643	DUENNE SCHI	74020	GONELLA	J	9-1877	KRIST.FEHL.	66035
		11-1783	PLASMA	57210	GOLDWASSER	EL	11- 804	STARKE WW.	41730			2-2704	ERDKOERPER	90260
		1- 746	ATOME	52090			12-1126	STARKE WW.	41775			5-2743	DUENNE SCHI	74065
FINGER	P	3- 141	QUANTENTHEO	16533		M	8-1497	GASE	58060			9-2714	ERDKOERPER	90260
HABER	AS	1- 951	STARKE WW.	41762	GOLDWIRE JR.	H.C.				GONG	RE	10-2750	DUENNE SCHI	74010
		3- 852	STARKE WW.	41764			6-2963	KOSM.PHYSIK	94550	GONIDEC	JP	7- 781	KERN-MESSG.	40540
		3- 866	STARKE WW.	41778	GOLDZAWL	L	3- 678	KERN-MESSG.	40522	GONO	Y	3- 963	KERNSEKTR.	42560
		5- 961	STARKE WW.	41762			3- 798	STARKE WW.	41725	GONOROVSKY	IS	7- 507	HF-TECHNIK	27540
		5- 980	STARKE WW.	41770			9-1422	POLYMERE	53546	GONSER	U	1-1023	KERNSEKTR.	42510
		5- 981	STARKE WW.	41770	GOLEBIEWSKI	A	8- 169	QUANTENTHEO	16500			1-1953	GITTERDYN.	67020
		11- 762	STARKE WW.	41700	GOLENISCEV	KUTUZOV	V.A.					2-1654	FK-SPEKTREN	73310
		12-1122	STARKE WW.	41770			12-2965	FK-SPEKTREN	73355			5-2273	MAGN.EIG.FK	69050
	M	9- 744	ELEMENTART.	41546	GOLENISHCHEV	KUTUZOV	V.A.					7-1816	KRISTALLE	65545
		12- 932	ELEMENTART.	41546			1-1971	GITTERDYN.	67060			11-2468	MAGN.EIG.FK	69060
	MM	2- 753	ELEMENTART.	41580			9-2529	FK-SPEKTREN	73370			11-2817	FK-SPEKTREN	73310
		9- 898	KERNSTRUKT.	42030	GOLENKOV</									

GOODCHILD RO	1-1682	PLASMA	57253	GORDON EI	8-437	AKUSTIK	23570	GORSKHOV VG	3-755	ELEMENTART.	4
GOODIE PD	4-1207	KERNREAKTIO	43030	GE	1-1116	KERNSPEKTR.	42560		4-275	QU.FELDTHEO	10
GOODENOUGH JB	3-2301	SUPRALEITG.	70520		6-955	KERNSPEKTR.	42555	GORSKHOVA IN	12-809	KERN-MESSG.	4
	4-2166	MAGN.EIG.FK	69040		9-972	KERNSPEKTR.	42560	GORSKAYA NV	8-423	AKUSTIK	2
	4-2219	LEITFHOK.FK	70022		12-1246	KERNSPEKTR.	42555		6-2424	HALBLEITER	7
	8-2163	MAGN.EIG.FK	69020	IM	8-2946	STERNE	94050	GORSKI L	10-1365	KERNSTRHLG.	4
	9-2133	MAGN.EIG.FK	69050		10-3069	KOSM.PHYSIK	94500		12-886	KERN-MESSG.	4
	10-2246	MAGN.EIG.FK	69020	J	5-7465	KERN-MESSG.	40535	GORSKII SM	8-633	OPT.INSTRUM	2
	11-2342	MAGN.EIG.FK	69020		7-786	KERN-MESSG.	40542		8-649	OPT.INSTRUM	2
GOODFELLOW TL	6-2515	FK-SPEKTREN	73325		8-968	STARKE WW.	41730	GORT C	5-406	WAERME	2
GOODFRIEND PL	4-1452	MOLEKUELE	52512	JD	6-818	STARKE WW.	41764	GORTCHAKOV EV	10-3021	PLANETEN	9
GOODGAME JR	3-1037	KERNREAKTIO	43046	JP	4-606	MASER,LASER	28020	GORTER CJ	1-55	BUECHER	1
GOODHEAD DT	6-863	STARKE WW.	41790	M	2-1240	MOLEKUELE	52516		2-1539	FLUESSIGK.	5
GOODHEW PJ	2-1776	KRIST.FEHL.	66035		8-2032	MECH.EIG.FK	66514		10-2622	FK-SPEKTREN	7
GOODIMAN J	7-1285	ATOME	52010	MA	4-2871	KOSM.PHYSIK	94520		10-2627	FK-SPEKTREN	7
GOODINGS DA	10-2260	MAGN.EIG.FK	69025		9-2877	PLANETEN	93614	GORUNOVA FW	10-2181	THERMEIG.FK	6
	10-2278	MAGN.EIG.FK	69030		11-3243	GEOMAGNET.	90470	GORYACHEV IV	8-1908	KRISTALLE	6
	11-2372	MAGN.EIG.FK	69030	MI	12-3053	FK-SPEKTREN	73370		2-1119	K-REAKTOREN	4
GOODISMAN J	4-206	QUANTENTHEO	16530	MM	11-663	BESCHLEUNIG	41040		4-791	KERN-MESSG.	4
	6-1257	MOLEKUELE	52512	R	6-1588	GASE	58010		4-1614	PLASMA	5
	11-111	QUANTENTHEO	16533		12-3231	GRENZFL.FK	74530		12-1773	PLASMA	5
	12-212	QUANTENTHEO	16533	RB	2-1551	FLUESSIGK.	58540	GORYACHEVA VI	6-1612	GASE	5
GOODMAN AL	10-1085	KERNSPEKTR.	42545	RG	2-1504	GASE	58025	GORYUNOV NN	12-2745	HALBLEITER	7
AM	3-2680	GRENZFL.FK	74555		4-1523	MOLEKUELE	52575	GORYUNOVA NA	2-2307	HALBLEITER	7
	7-2314	HALBLEITER	71520		5-443	THERMODYN.	24550		2-2428	PHOTOLEITG.	7
B	5-44	UNTERRICHT	12025	RL	5-668	PHYS.OPTIK	29030		3-2361	HALBLEITER	7
BB	3-69	LABORTECHN.	12530		9-2456	FK-SPEKTREN	73340		8-2379	HALBLEITER	7
	11-2629	SUPRALEITG.	70540	WE	8-2795	IONOSPHAERE	91045		9-2286	HALBLEITER	7
CD	11-1243	KERNREAKTIO	43050	WL	7-2207	LEITFHOK.FK	70024	GORYUSHKO AG	12-3127	OPT.EIG.FK	7
CHL	2-2308	HALBLEITER	71510	W	1-2075	FK-SPEKTREN	73355	GOSAR P	12-2247	KRIST.FEHL.	6
FO	1-2677	GRENZFL.FK	74530		9-1328	MOLEKUELE	52547	GOSHAU AT	5-971	STARKE WW.	4
	4-2611	GRENZFL.FK	74530	T	12-3263	GRENZFL.FK	74570	GOSKOV PI	7-835	BESCHLEUNIG	4
	7-2634	GRENZFL.FK	74530	LL	9-1332	MOLEKUELE	52547		9-721	BESCHLEUNIG	4
JM	5-2838	IONOSPHAERE	91020		10-1785	GASE	58025		11-380	ELEKTRODYN.	2
	12-3344	IONOSPHAERE	91045	SS	10-2297	MAGN.EIG.FK	69045		12-565	HF-TECHNIK	2
JW	3-591	OPT.INSTRUM	28570		12-2120	KRISTALLE	65540		11-415	HF-TECHNIK	2
P	3-1683	KRISTALLE	65574	GORENFILO D	5-79	LABORTECHN.	12530	GOSLING JT	1-2777	MAGNETOSPH.	9
	10-1974	KRISTALLE	65574		2-1362	PLASMA	57040		7-2821	MAGNETOSPH.	9
RR	3-339	AKUSTIK	23530	GORENSTEIN P	4-2878	KOSM.PHYSIK	94540	GOSSE J	12-1196	KERNSPEKTR.	4
RF	4-744	PHYS.OPTIK	29043		7-2928	KOSM.PHYSIK	94540		12-1355	KERNREAKTIO	4
RG	6-2173	FK-SPEKTREN	73370	GORESILAVSKY SP	6-679	ELEMENTART.	41543	GOSSE JD	6-2963	KOSM.PHYSIK	9
	7-2492	FK-SPEKTREN	73365	GORETZKI H	2-1682	KRISTALLE	65575		11-3425	KOSM.PHYSIK	9
GOODSTEIN DL	10-2809	GRENZFL.FK	74535	GORETZKY H	10-1357	K-REAKTOREN	43530	GOSSE AC	6-2174	FK-SPEKTREN	7
GOODWIN AR	1-2503	FK-SPEKTREN	73330	GOREVAYA AE	7-621	OPT.INSTRUM	28530		10-2625	FK-SPEKTREN	7
GL	4-2771	IONOSPHAERE	91060		12-1504	ATOME	52024		11-2944	FK-SPEKTREN	7
	11-3323	IONOSPHAERE	91050	GORGE V	9-177	QU.FELDTHEO	17010	GOSSE J	1-2539	OPT.EIG.FK	7
RD	1-1724	GASE	58050		11-84	QUANTENTHEO	16516	GOSSELIN CM	9-89	VAKUUM	13
R	5-2907	PLANETEN	93613	GORGOLEWSKI S	10-39	BIOGRAPHIEN	10230	GOSSEN H	11-35	BUECHER	1
	8-2879	PLANETEN	93612	GORI F	8-674	OPT.INSTRUM	28570	GOSSEN VB	10-887	STARKE WW.	4
	11-3381	PLANETEN	93612	GORING GE	4-1307	K-REAKTOREN	43520	GOSWAMI A	4-1040	KERNSTRUKT.	4
	12-3403	PLANETEN	93610		1-515	TEILCH.OPT.	27040		5-1063	KERNSPEKTR.	4
GOODYEAR CC	9-1581	GASENTLADG.	57815	GORINI V	2-88	QUANTENTHEO	16516		9-2635	DUENNE SCHI	74
GOOSHAN DR	4-1093	KERNSPEKTR.	42545	GORINOV N	11-3329	IONOSPHAERE	91072		10-1085	KERNSPEKTR.	4
	7-1068	KERNSPEKTR.	42545	GORKOV LP	5-2367	LEITFHOK.FK	70053		10-2763	DUENNE SCHI	74
GOPAL ESR	5-2135	THERMEIG.FK	67556		10-2420	SUPRALEITG.	70510	AK	10-2646	FK-SPEKTREN	73
GOPALAKRISHNA C.V.S.	12-1990	FLUESSIGK.	58535	GORKOV YI	2-2217	HALBLEITER	71580		11-2281	DIELEKTRIKA	68
	8-1509	POLYMERE	53530	GORKOV AD	9-2495	FK-SPEKTREN	73355		4-1031	STARKE WW.	4
GOPALAN M	6-2106	THERMEIG.FK	67510	GV	2-1022	KERNSTRUKT.	42040	GOTHARD N	11-3348	MAGNETOSPH.	9
GOPALARAO RV	1-2769	MAGNETOSPH.	91223		9-1018	KERNREAKTIO	43040	GOTO E	11-3133	DUENNE SCHI	74
GOPASYUK S	3-2017	DIELEKTRIKA	68030	MI	10-1215	KERNREAKTIO	43040	K	6-1767	FLUESSIGK.	58
GORBACH SS	7-1712	FLUESSIGK.	58530	D	9-1517	PLASMA	57085		9-1723	FLUESSIGK.	58
GORBACHER AA	3-1350	PLASMA	57040		6-1969	KRIST.FEHL.	66040	T	1-166	QUANTENTHEO	16
GORBACHEV LP	6-1440	PLASMA	57045	GORMAN H	9-1709	FLUESSIGK.	58573		7-202	QU.FELDTHEO	17
	12-2186	KRISTALLE	65576		6-1771	DISP.SYST.	59530		9-2606	OPT.EIG.FK	73
GORBAMVI L	8-1287	KERNSTRHLG.	44010	GORNOSTANSKY S.D.	4-2097	FK-SPEKTREN	73370		10-252	QU.FELDTHEO	17
GORBAN AP	2-2216	HALBLEITER	71580		12-3041	FK-SPEKTREN	73370		10-1614	POLYMERE	53
IS	4-2366	HALBLEITER	71566	GORNY NB	1-2674	GRENZFL.FK	74576		10-2728	OPT.EIG.FK	73
	7-2249	LEITFHOK.FK	70078	GOROBETS BS	9-2576	OPT.EIG.FK	73625	GOTOH K	12-427	HYDRODYNAM.	21
	11-3024	OPT.EIG.FK	73635		3-1838	KRIST.FEHL.	66065	GOTOV K	11-1245	KERNREAKTIO	43
NK	2-1901	GITTERDYN.	67060	DA	11-2146	KRIST.FEHL.	66076	GOTSMAN E	12-1080	STARKE WW.	4
GORBATENKO HF	11-1764	PLASMA	57085		1-2649	GRENZFL.FK	74535	GOTT YV	10-2055	KRIST.FEHL.	66
GORBATSCHOW AA	12-1966	FLUESSIGK.	58530	IY	11-3189	GRENZFL.FK	74563	GOTTESMAN BS	12-422	HYDRODYNAM.	23
GORBATSEVICH S.V.	4-117	MESSEN	12220		7-2394	PHOTOLEITG.	72510	GOTTFRIED K	8-911	ELEMENTART.	18
	7-58	MESSEN	12220	GORODETSKY G	4-2177	MAGN.EIG.FK	69050	GOTTLIEB J	5-257	FELDTHEORIE	16
GORBATYUK VA	5-425	THERMODYN.	24510		5-2259	MAGN.EIG.FK	69040		3-1935	GITTERDYN.	67
GORBICS SG	4-2526	OPT.EIG.FK	73655	GORODETSKY P	11-2483	MAGN.EIG.FK	69060	GOTTWALD BA	7-2635	GRENZFL.FK	74
	5-761	KERN-MESSG.	40582	S	11-2506	MAGN.EIG.FK	69065	GOUANERE M	10-1288	KERNREAKTIO	43
	8-758	KERN-MESSG.	40518		7-775	KERN-MESSG.	40530	GOUAULT J	12-1370	KERNREAKTIO	43
	9-677	KERN-MESSG.	40582		8-1111	KERNSPEKTR.	42540		7-2603	DUENNE SCHI	74
GORBUNKOV VM	11-3503	STRAHL.BIOL	97010		10-1102	KERNSPEKTR.	42545		9-64	LABORTECHN.	12
GORBUNOV AN	5-1808	FLUESSIGK.	58562		10-1115	KERNSPEKTR.	42550	GOUBAU G	11-3095	DUENNE SCHI	74
	5-438	THERMODYN.	24530		10-1265	KERNREAKTIO	43054		3-461	HF-TECHNIK	27
	8-1190	KERNREAKTIO	43024		10-1271	KERNREAKTIO	43056	GOUBEAU J	9-1274	MOLEKUELE	52
	6-1498	PLASMA	57080		11-1039	KERNSPEKTR.	42540	GODAS CL	8-334	MECHANIK	22
	9-1458	PLASMA	57075		12-1228	KERNSPEKTR.	42545		9-2893	PLANETEN	93
GORCHAROV EV	4-510	ELEKTRIZIT.	26010	GORODINSKAYA A.P.	11-49	LABORTECHN.	12520		10-3011	PLANETEN	93
GI	8-2822	MAGNETOSPH.	91230		11-2882	FK-SPEKTREN	73330	GODERGOUES J	12-374	MECHANIK	22
QI	3-2817	LUFTHUELLE	90890	GORODINSKII GM	6-894	KERNSTRUKT.	42070		3-877	KERNSTRUKT.	42
MK	8-468	WAERME	24060	GORODKOV SS	8-1084	KERNSTRUKT.	42070		4-1087	KERNSPEKTR.	42
P	7-2669	GRENZFL.FK	74570	GORODNICHEV ED	4-821	KERN-MESSG.	40560	GODMAND P	10-1291	KERNREAKTIO	43
AV	6-1481	PLASMA	57060	GORODNICHII OP	2-2328	HALBLEITER	71520		5-1443	MOLEKUELE	52
DV	9-531	MASER,LASER	28055	GORODNITZKII A.M.	4-2679	GEOMAGNET.	90430		12-3152	OPT.EIG.FK	73
GP	10-2237	MAGN.EIG.FK	69010	GOROFF I	7-2201	LEITFHOK.FK	70026	GODONNET JP	6-2684	DUENNE SCHI	74
IV	5-772	KERN-MESSG.	40584	GOROB I	1-587	MASER,LASER	28055	GODSMIT PFA	1-1152	KERNSPEKTR.	42
	11-1578	MOLEKUELE	52570		9-529	MASER,LASER	28055		2-981	KERNSPEKTR.	42
YS	5-1328	ATOME	52065	GOROKHOV LN	10-1492	ATOME	52090		3-982	KERNSPEKTR.	42
NV	4-1888	KRISTALLE	65580	GORONKIN H	5-2479	HALBLEITER	71540		5-1085	KERNSPEKTR.	42
GORDEEV J.K.	4-1541	MOLEKUELE	52585	GOROSHCHEYA A.B.	1-477	ELEKTRIZIT.	26095		6-1006	KERNSPEKTR.	42
GORDEYEV DV	7-577	MASER,LASER	28055		11-3084	DUENNE SCHI	74030	GOUGH CE	11-2637	SUPRALEITG.	70
GORDIENKO LA	2-2446	OPT.EIG.FK	73605	GORRES JM	11-3105	DUENNE SCHI	74050		11-2650	SUPRALEITG.	70
SP	5-425	THERMODYN.	24510		9-1932	MECH.EIG.FK	66545	DO	12-444	HYDRODYNAM.	23
VA	12-2595	MAGN.EIG.FK	69070	GORSHA G	7-229	STATISTIK	17523	JRC	5-1206	K-REAKTOREN	94
VP	10-1694	PLASMA	57055	GORSHEKHOV VN	12-1134	STARKE WW.	41783		2-2882	KOSM.PHYSIK	94
BF	7-569	MASER,LASER	28055	GORSKHOV ON	12-1343	KERNREAKTIO	43046	GOUIRAN R	10-823	BESCHLEUNIG	94
	10-1643	PLASMA	57010	VO	2-167	QU.FELDTHEO	17020	GOUJON P	10-599	MASER,LASER	28
GORDIETZ BF	3-521	MASER,LASER	28055					GOULARD B	9-919	KERNSPEKTR.	42
GORDON AR	1-1589	PLASMA	57050								
D	2-759	STARKE WW.	41700								
	12-271	QU.FELDTHEO	17010								
DE	12-2693	SUPRALEITG.	70540								
DI	11-2150	KRIST.FEHL.	66073								
DJ	6-1288	MOLEKUELE</									

GOULD - GREEN

CL	9-	98 VAKUUM	13030	GRAF	P	5-2416	SUPRALEITO.	70550	GRATTON	J	11-	953	KERNSTRUKT.	42020		
HA	5-	1696 GASE	58010	GRAFE	A	12-3290	GEOMAGNET.	90440		R	5-	1626	PLASMA	57090		
JE	4-	520 ELEKTRIZIT.	26030			12-3291	GEOMAGNET.	90440			12-	3216	DUEENNE SCHI	74095		
RJ	4-	2865 KOSM.PHYSIK	94520			11-	26	BUECHER	11010	GRAU	G	12-	3314	LUFTHUELLE	90810	
RW	1-	1627 PLASMA	57080	GRAFF	H	7-	775	KERN-MESSG.	40530	GRAUE	A	4-	1122	KERNSTREKTR.	42560	
	4-	1657 PLASMA	57070			12-	1228	KERNSTREKTR.	42545			5-	1165	KERNSTREKTR.	43066	
	5-	1856 KRISTALLE	65518			KF	4-	367 ELASTIZIT.	22520			10-	1142	KERNSTREKTR.	42560	
	7-	1571 PLASMA	57085			P	5-	1591 PLASMA	57085	GRAUEL	A	6-	895	KERNSTREKTR.	42075	
	9-	1515 PLASMA	57085				8-	2807 IONOSPHERE	91072	GRAUERT	H	3-	37	BUECHER	11010	
	11-	1746 PLASMA	57080			RA	3-	386 THERMODYN.	24554			11-	25	BUECHER	11010	
	12-	107 LABORTECHN.	12525	GRAFFI	S	4-	916 ELEMENTART.	41574	GRAULING	CR	5-	641	OPT.INSTRUM	28970		
JDS	12-	2065 FLUESSIGK.	58570	GRAFOV	BM	10-	269 STATISTIK	17535	GRAVATT	CC	1-	1774	FLUESSIGK.	58540		
	11-	589 KERN-MESSG.	40520	GRAHAM	EM	9-	1450 PLASMA	57030			1-	1796	FLUESSIGK.	58573		
	5-	2143 DIELEKTRIKA	68020			JA	8-	2837 ASTROPHYSIK	93030	GRAVE DE	I	12-	521	ELEKTRIZIT.	26030	
	9-	849 STARKE WW.	41753			LD	11-	2967 FK-SPEKTREN	73370	GRAVES	JN	3-	1763	KRIST.FEHL.	66025	
	9-	442 ELEKTRIZIT.	26060			R	9-	479 MASER,LASER	28000		PW	6-	1804	KRISTALLE	65518	
	3-	864 STARKE WW.	41770				9-	480 MASER,LASER	28000		RHW	8-	2485	FK-SPEKTREN	73330	
	4-	887 ELEMENTART.	41546				10-	246 QU.FELDTHEO	17020		RS	7-	2088	THERMEIG.FK	67520	
	9-	750 ELEMENTART.	41546				11-	433 MASER,LASER	28035			11-	2689	HALBLEITER	71530	
	5-	1439 MOLEKUELE	52524				12-	3448 KOSM.PHYSIK	94510	GRAVES MORRIS	P.R.					
	6-	1266 MOLEKUELE	52512			RA	3-	1858 MECH.EIG.FK	66500			3-	163	QUANTENTHEO	16575	
	1-	2220 LEITFHOK.FK	70060				7-	2003 MECH.EIG.FK	66540			3-	776	STARKE WW.	41700	
	7-	2093 THERMEIG.FK	67530				11-	2193 MECH.EIG.FK	66553			12-	268	QUANTENTHEO	16588	
	10-	2528 FK-SPEKTREN	73300			RH	3-	792 STARKE WW.	41725	GRAM	G	3-	709	BESCHLEUNIG	41020	
	3-	2421 HALBLEITER	71566				7-	947 STARKE WW.	41753			7-	1105	KERNSTREKTR.	42560	
	4-	2384 HALBLEITER	71590				8-	941 STARKE WW.	41720			1-	305	MECHANIK	22050	
	1-	955 STARKE WW.	41764			RL	1-	1123 KERNSTREKTR.	42565			7-	1080	KERNSTREKTR.	42545	
	5-	1991 KRIST.FEHL.	66062				4-	1125 KERNSTREKTR.	42560	GRAY	CG	4-	1486	MOLEKUELE	52562	
	7-	1966 KRIST.FEHL.	66076				11-	1117 KERNSTREKTR.	42560			8-	183	QUANTENTHEO	16516	
	12-	2661 LEITFHOK.FK	70056				12-	1253 KERNSTREKTR.	42560			3-	2198	LEITFHOK.FK	70024	
	2-	2798 IONOSPHERE	91070	GRAHAM JR.	JR	3-	1155 ATOME	52045			D	5-	1807	FLUESSIGK.	58562	
	11-	3313 IONOSPHERE	91030				9-	1355 MOLEKUELE	52575			5-	2736	DUEENNE SCHI	74060	
	4-	1712 PLASMA	57235	GRAINGER	JF	6-	446 OPT.INSTRUM	28530			EL	3-	652	PHYS.OPTIK	29080	
	10-	771 BESCHLEUNIG	41010	GRAJA	A	12-	592 MASER,LASER	28035			ER	5-	830	ELEMENTART.	41572	
	12-	552 TEILCH.OPT.	27040	GRAKOV	VE	11-	1832 GASENTLADG.	57860			EW	8-	1690	GASENTLADG.	57840	
	6-	2435 HALBLEITER	71540	GRALEWSKI	U	4-	326 FELDTHEORIE	18042			L	12-	1055	STARKE WW.	41745	
	3-	850 STARKE WW.	41764	GRANADOS	CE	4-	782 KERN-MESSG.	40510			LD	3-	1255	MOLEKUELE	52560	
	7-	1071 KERNSTREKTR.	42545	GRANATH	LP	10-	3126 BIOPHYSIK	96000				6-	2885	PLANETEN	93613	
	2-	746 ELEMENTART.	41574	GRANATI	P	8-	2627 OPT.EIG.FK	73695				8-	2876	PLANETEN	93613	
	4-	917 ELEMENTART.	41574	GRANATSTEIN	VL	4-	1654 PLASMA	57060			MA	5-	1823	FLUESSIGK.	58573	
	6-	724 ELEMENTART.	41574				6-	1512 PLASMA	57075		N	8-	1905	KRISTALLE	65584	
	9-	1038 KERNREAKTIO	43050	GRANBERG	GL	12-	819 KERN-MESSG.	40532			PR	3-	1111	KERNSTRHLG.	44030	
	8-	759 KERN-MESSG.	40518	GRAND LE	Y	5-	2988 SEHEN	96614				12-	1944	FLUESSIGK.	58520	
	4-	821 KERN-MESSG.	40560				8-	681 OPT.INSTRUM	28583			PV	10-	2776	DUEENNE SCHI	74040
	3-	90 VAKUUM	13010	GRANDCHAMP	PA	7-	2068 GITTERDYN.	67070			RH	6-	3010	SEHEN	96620	
	9-	2661 GRENZFL.FK	74520	GRANDE	S	12-	3054 FK-SPEKTREN	73370			WJ	1-	1876	KRIST.FEHL.	66030	
	3-	2203 LEITFHOK.FK	70024	GRANDJEAN	C	11-	253 MECHANIK	22038			WS	11-	1057	KERNSTREKTR.	42545	
	1-	1309 KERNSTRHLG.	44010	GRANDMONTAGNE	R.					GRAYBILL	SE	10-	778	BESCHLEUNIG	41010	
	7-	1270 KERNSTRHLG.	44010				6-	1266 MOLEKUELE	52512	GRAYER	GH	4-	1245	KERNREAKTIO	43054	
	10-	1374 KERNSTRHLG.	44010	GRANDOLFO	M	6-	2573 OPT.EIG.FK	73605		GRAYSTONE	P	4-	2680	GEOMAGNET.	90440	
	12-	2184 KRISTALLE	65576	GRANDY	TB	7-	1216 KERNREAKTIO	43064		GRAZHDANKINA	N.P.					
	10-	1543 MOLEKUELE	52538				10-	1283 KERNREAKTIO	43064			3-	1870	MECH.EIG.FK	66514	
	12-	3340 LUFTHUELLE	90880	GRANDY JR.	WT	7-	1508 PLASMA	57017	GRAZIER	R	10-	816	BESCHLEUNIG	41040		
	1-	963 STARKE WW.	41770	GRANEAU	P	12-	523 ELEKTRIZIT.	26040	GRDINA	YV	6-	2006	KRIST.FEHL.	66095		
	5-	979 STARKE WW.	41770	GRANER	G	9-	1313 MOLEKUELE	52538	GREA	J	11-	98	QUANTENTHEO	16526		
	6-	822 STARKE WW.	41767	GRANET	P	10-	949 STARKE WW.	41753	GREBEN	VP	4-	505	THERMODYN.	24530		
	6-	935 KERNSTREKTR.	42545	GRANGER	MM	11-	2062 KRISTALLE	65588	GREBENNII	IP	9-	2632	KRIST.FEHL.	66010		
	1-	1716 GASE	58025				9-	2304 HALBLEITER	71540			11-	2073	KRIST.FEHL.	66010	
	6-	2168 FK-SPEKTREN	73355	GRANIER	R	5-	1389 MOLEKUELE	52530	GREBINSKII	AS	7-	1568	PLASMA	57080		
	8-	2845 SONNENPHYS.	93316	GRANITSKAYA	LA	7-	1680 FLUESSIGK.	58510	GREBINSKY	AS	12-	1811	PLASMA	57080		
	5-	1216 KERNSTRHLG.	44010	GRANKINA	ZA	7-	1431 MOLEKUELE	52538			12-	3391	SONNENPHYS.	93312		
	8-	2151 MAGN.EIG.FK	69010	GRANNA	KG	5-	252 FELDTHEORIE	18020	GRECCHI	V	7-	875	ELEMENTART.	41570		
	10-	2232 MAGN.EIG.FK	69010	GRANNIS	PD	11-	895 STARKE WW.	41770			7-	898	STARKE WW.	41710		
	11-	2305 MAGN.EIG.FK	69010				11-	896 STARKE WW.	41773	GRECESCU	M	8-	1170	KERNSTREKTR.	42565	
	5-	60 MESSEN	12240				11-	896 STARKE WW.	41773	GRECHIKHIN	LI	3-	1439	PLASMA	57023	
	10-	1808 FLUESSIGK.	58520	GRANOFF	L	3-	1178 ATOME	52065				6-	1580	PLASMA	57020	
	2-	31 BUECHER	11010	GRANOVSKII	EB	9-	2369 FK-SPEKTREN	73310				7-	1612	PLASMA	57256	
	2-	1069 KERNREAKTIO	43066	GRANOVSKY	YI	4-	972 STARKE WW.	41750				12-	1854	PLASMA	57206	
	6-	1083 KERNREAKTIO	43064	GRANT	A	3-	861 STARKE WW.	41767	GRECHISHKIN	VS	4-	1466	MOLEKUELE	52516		
	9-	1057 KERNREAKTIO	43064				6-	835 STARKE WW.	41770			7-	2456	FK-SPEKTREN	73345	
	4-	2253 HALBLEITER	71530				6-	836 STARKE WW.	41770			10-	1566	MOLEKUELE	52593	
	1-	557 MASER,LASER	28045			EH	1-	1786 FLUESSIGK.	58562			10-	2667	FK-SPEKTREN	73370	
	7-	1864 KRIST.FEHL.	66010				7-	1676 FLUESSIGK.	58510	GRECO	M	3-	205	QU.FELDTHEO	17020	
	10-	2099 MECH.EIG.FK	66540			FC	1-	1542 PLASMA	57026			8-	881	ELEMENTART.	41563	
	12-	1315 KERNREAKTIO	43014				4-	1595 PLASMA	57026			10-	929	STARKE WW.	41740	
	6-	980 KERNSTREKTR.	42565			IS	1-	1052 KERNSTREKTR.	42540	GRECOS	AP	10-	1692	PLASMA	57055	
	3-	1440 PLASMA	57216			PJ	1-	1281 K-REAKTOREN	43510	GRECU	D	7-	2614	DUEENNE SCHI	74060	
	7-	287 MECHANIK	22036			PM	1-	2536 OPT.EIG.FK	73605		V	12-	2992	FK-SPEKTREN	73355	
	11-	1197 KERNREAKTIO	43022				2-	2437 PHOTOLEITO.	72510	GREEBE	CAA	10-	1705	PLASMA	57080	
	5-	2134 THERMEIG.FK	67556				4-	2426 FK-SPEKTREN	73320			10-	1867	FLUESSIGK.	58560	
	7-	1079 KERNSTREKTR.	42545			RW	1-	1953 GITTERDYN.	67020	GREEN	A	12-	3207	DUEENNE SCHI	74050	
	5-	2091 GITTERDYN.	67060				2-	1654 FK-SPEKTREN	73310		AE	1-	316	ELASTIZIT.	22520	
	5-	2691 DUEENNE SCHI	74010				5-	2273 MAGN.EIG.FK	69050			4-	365	ELASTIZIT.	22520	
	11-	2363 MAGN.EIG.FK	69025				11-	2468 MAGN.EIG.FK	69060			12-	403	ELASTIZIT.	22530	
	12-	2636 LEITFHOK.FK	70028				11-	2817 FK-SPEKTREN	73310		AES	2-	807	STARKE WW.	41740	
	7-	1280 KERNSTRHLG.	44033				12-	2392 GITTERDYN.	67020			2-	808	STARKE WW.	41740	
	10-	1681 PLASMA	57050			WA	5-	109 VAKUUM	13025			2-	816	STARKE WW.	41740	
	11-	1722 KERNSTREKTR.	42575				8-	1754 FLUESSIGK.	58530			2-	2733	GEOMAGNET.	90470	
	1-	490 ELEKTRODYN.	26540				11-	3162 GRENZFL.FK	74530			2-	2759	LUFTHUELLE	90870	
	12-	376 MECHANIK	22020			WB	9-	1758 KRISTALLE	65540			2-	2765	IONOSPHERE	91020	
	11-	3128 DUEENNE SCHI	74050			LF	9-	1702 FLUESSIGK.	58565			2-	2766	IONOSPHERE	91020	
	5-	1160 KERNREAKTIO	43054	GRANTHAM			12-	1940 FLUESSIGK.	58510			2-	2767	IONOSPHERE	91020	
	6-	2923 STERNE	94040				2-	2667 GRENZFL.FK	74535			5-	910	STARKE WW.	41740	
	10-	1251 KERNREAKTIO	43054	GRANVILLE	A	11-	1606 MOLEKUELE	52585				5-	1009	KERNSTREKTR.	42040	
	11-	3175 GRENZFL.FK	74535	GRANZOW	A	3-	861 STARKE WW.	41767				7-	1016	KERNSTREKTR.	42040	
	9-	1374 MOLEKUELE	52575	GRARD	F	5-	894 STARKE WW.	41730				7-	2779	IONOSPHERE	91040	
	8-	24 TABUGEN	10530				5-	896 STARKE WW.	41730			AK	12-	162	VAKUUM	13050
	8-	2421 HALBLEITER	71580	</												

GREEN - GRINGAUZ

GREEN	M	4- 667 OPT.INSTRUM	28530	GRELOT	P	5-1654 PLASMA	57256	GRIFFITHS	DWL	4-1544 MOLEKUELE	5
		9-1232 ATOME	52070	GRENACS	L	6- 677 ELEMENTART.	41543		JD	9-3025 HOEREN	2
		10- 103 LABORTECHN.	12540			7-1044 KERNSPKTR.	42510		JE	1- 639 OPT.INSTRUM	2
	P	3-2044 FK-SPEKTREN	73370			10- 833 ELEMENTART.	41543			12-1621 MOLEKUELE	5
	RB	10- 722 PHYS.OPTIK	29080	GRENCH	HA	2-1023 KERNREAKTIO	43044		R	4-2627 GRENZFL.FK	7
	RM	7-2844 SONNENPHYS.	93324			4-1221 KERNREAKTIO	43046		RB	1-2114 MAGN.EIG.FK	6
	TA	4-1548 MOLEKUELE	52575			7-1176 KERNREAKTIO	43044			1-2115 MAGN.EIG.FK	6
		5-1331 ATOME	52070			7-1177 KERNREAKTIO	43044			4-2150 MAGN.EIG.FK	6
		12-1548 ATOME	52065			11-1226 KERNREAKTIO	43046			5-2235 MAGN.EIG.FK	6
		12-1674 MOLEKUELE	52575	GRENET	G	10-2857 GEOMAGNET.	90440			8-2202 MAGN.EIG.FK	6
	TS	6-1554 PLASMA	57260	GRENIER	P	12-2345 MECH.EIG.FK	66516		RJ	3-1081 KERNREAKTIO	4
GREENAWALT	EM	9-1262 MOLEKUELE	52512	GRENNING	DA	1-1408 PLASMA	57210			7-1193 KERNREAKTIO	4
GREENAWAY	DL	1-2205 LEITFHKG.FK	70053	GRENOT	M	9-1823 KRISTALLE	65588			7-1194 KERNREAKTIO	4
GREENBERG	AJ	3- 844 STARKE WW.	41764	GRESILLON	D	5-1613 PLASMA	57085			10-1016 KERNSTRUKT.	4
	B	1-1842 KRISTALLE	65572	GRESSER	H	8-1684 PLASMA	57279			11-1256 KERNREAKTIO	4
	BA	2-2009 FK-SPEKTREN	73370	GRESSET	J	6- 568 KERN-MESSG.	40518		TR	5-1838 FLUESSIGK.	5
	DF	3- 48 BUECHER	11040	GRETSKII	YY	12-3228 GRENZFL.FK	74520	GRIFFITH	JAR	10-1247 KERNREAKTIO	4
		8- 70 UNTERRICHT	12030	GRETZ	RD	3-1616 KRISTALLE	65512	GRIGAS	AP	10-2197 THERMEIG.FK	6
	E	8- 457 WAERME	24040			4-2536 DUENNE SCHI	74010		B	4-2391 PHOTOLEITG.	7
	JM	1- 437 THERMODYN.	24510			8-1841 KRISTALLE	65512		BP	11-2733 HALBLEITER	7
		5-2943 KOSM.PHYSIK	94520	GREULICH	FA	1-1522 POLYMERE	53542			4-2337 HALBLEITER	7
	JS	9- 771 ELEMENTART.	41574	GREUPNER	N	7- 747 KERN-MESSG.	40518			9-2070 DIELEKTRIKA	6
		10- 872 ELEMENTART.	41574			11- 581 KERN-MESSG.	40518			11-2293 DIELEKTRIKA	6
	OW	5- 215 QU.FELDTHEO	17030	GREVENDONK	W	5-1776 FLUESSIGK.	58540		IP	5-2130 THERMEIG.FK	6
		5- 216 QU.FELDTHEO	17030	GREVESSE	N	6-2864 SONNENPHYS.	93300			12-2480 DIELEKTRIKA	6
		10- 947 STARKE WW.	41753			8-2844 SONNENPHYS.	93314			12-2481 DIELEKTRIKA	6
		12- 294 QU.FELDTHEO	17060			9-2838 SONNENPHYS.	93300		J	8-2135 DIELEKTRIKA	6
		12-1090 STARKE WW.	41760			5-1570 PLASMA	57055		VP	5-2130 THERMEIG.FK	6
	P	1-1593 PLASMA	57040	GREWAL	MS	1-2843 KOSM.PHYSIK	94560	GRIGGS JR.	JL	7-1420 MOLEKUELE	5
GREENBERGER	D	11- 88 QUANTENTHEO	16523	GREWING	M	5-2966 KOSM.PHYSIK	94565	GRIGOLYUK	EI	6- 232 ELASTIZIT.	2
GREENBLATT	SB	4-1776 FLUESSIGK.	58530			8-2995 KOSM.PHYSIK	94560	GRIGOREV	AP	4- 510 ELEKTRIZIT.	2
GREENE	DB	12-1703 POLYMERE	53540			10- 72 BUECHER	11040		EP	7-1104 KERNSPKTR.	4
	EF	3-1279 MOLEKUELE	52575			10-3109 KOSM.PHYSIK	94565			9- 984 KERNSPKTR.	4
		3-1280 MOLEKUELE	52575	GREY	IE	12-2164 KRISTALLE	65572		MM	3-1350 PLASMA	5
		3-1281 MOLEKUELE	52575	GRIANTI	F	5- 824 ELEMENTART.	41563		NM	2-2324 HALBLEITER	7
	FM	7- 511 HF-TECHNIK	27550	GRIE	AA	5- 800 ELEMENTART.	41540		VN	7-1702 FLUESSIGK.	5
	FT	8-1371 ATOME	52090			8- 878 ELEMENTART.	41546			8-1745 FLUESSIGK.	5
		10-1382 MOLEKUELE	52510	GRIBAN	VN	4-2478 FK-SPEKTREN	73380		VP	12-1714 POLYMERE	5
		9-1244 ATOME	52090			6-2563 FK-SPEKTREN	73380	GRIGOREVA	GM	6-2471 HALBLEITER	7
	JM	3-1386 PLASMA	57055	GRIEBEN	RJ	2-1365 PLASMA	57045		LN	11-2428 MAGN.EIG.FK	6
		4-1601 PLASMA	57033			6-1430 PLASMA	57045		VS	1-2552 OPT.EIG.FK	7
		5- 126 MATH.PHYSIK	16040			12-1821 PLASMA	57085	GRIGORIEV	GI	9-2795 IONOSPHERE	9
	MP	5-2286 MAGN.EIG.FK	90605	GRIBBIN	JR	11-3415 STERNE	94060	GRIGORIYANTS	V.G.		
	PE	4-2534 DUENNE SCHI	74010	GRIKBO	VF	9-2632 KRIST.FEHL.	66010			12-1888 GASENTLADG.	5
	RF	5-2453 HALBLEITER	71520	GRIKBOV	VA	12-1874 PLASMA	57256	GRIGOROV	NL	3-2738 KOSM.STRLG.	9
	RL	1-2119 MAGN.EIG.FK	69030		VI	9-2571 OPT.EIG.FK	73620			3-2739 KOSM.STRLG.	9
		9-2412 FK-SPEKTREN	73325	GRIKOVSKII	VP	1- 702 PHYS.OPTIK	29063			3-2741 KOSM.STRLG.	9
GREENEBAUM	B	7-1099 KERNSPKTR.	42555			10- 590 MASER,LASER	28050			3-2742 KOSM.STRLG.	9
		12-1255 KERNSPKTR.	42560			12- 608 MASER,LASER	28045			3-2743 KOSM.STRLG.	9
GREENFIELD	AJ	7-1684 FLUESSIGK.	58520	GRIKNIKOV	ZS	1-2350 HALBLEITER	71530			6-1070 KERNREAKTIO	4
		7-1765 FLUESSIGK.	58565			2-2343 HALBLEITER	71530			6-2779 KOSM.STRLG.	9
GREENHOW	RC	5- 551 MASER,LASER	28040			5-2446 HALBLEITER	71530			7-2727 KOSM.STRLG.	9
GREENLER	RG	2- 600 PHYS.OPTIK	29060			5-2506 HALBLEITER	71570			10-1001 STARKE WW.	4
GREENLESS	GW	11-1238 KERNREAKTIO	43050	GRIBOV	LA	1-1478 MOLEKUELE	52536			11-3266 KOSM.STRLG.	9
GREENMAN	JV	5- 878 STARKE WW.	41720			4-1481 MOLEKUELE	52538			12- 780 KERN-MESSG.	4
		6-1227 ATOME	52060			5-1413 MOLEKUELE	52530	GRIGOROVICH	VK	4-2066 THERMEIG.FK	6
	WF	3-1795 KRIST.FEHL.	66035			8-1397 MOLEKUELE	52514		YF	11- 652 BESCHLEUNIG	4
GREENSLADE	DJ	8-2556 FK-SPEKTREN	73370			11-1537 MOLEKUELE	52530	GRIGOROVICI	R	1-2545 OPT.EIG.FK	7
GREENSPAN	J	3- 406 ELEKTRODYN.	26510		VN	2- 167 QU.FELDTHEO	17020			8-2429 THERMOELEKT	7
	DA	1-2805 PLANETEN	93614			3- 755 ELEMENTART.	41563			8-2433 PHOTOLEITG.	7
	M	8- 413 AKUSTIK	23510			4- 921 ELEMENTART.	41578			9-2322 HALBLEITER	7
GREENSTADT	EW	2-2816 MAGNETOSPH.	91280			5- 189 QUANTENTHEO	16582			11-2045 KRISTALLE	6
GREENSTEIN	JL	7-2822 MAGNETOSPH.	91280	GRIBOVSKII	SA	11- 766 STARKE WW.	41700		T	11-3075 DUENNE SCHI	7
		2-2860 STERNE	94020			1-2444 FK-SPEKTREN	73315	GRIGORYAN	NA	1-2009 THERMEIG.FK	6
		8-2951 STERNE	94060			7-2413 FK-SPEKTREN	73315			2-2137 MAGN.EIG.FK	6
GREENWOOD	JH	9- 268 MECHANIK	22050			11-3151 DUENNE SCHI	74065			11-1994 KRISTALLE	6
		9- 271 ELASTIZIT.	22510	GRIDIN	VA	12- 613 MASER,LASER	28055		NG	8-1047 STARKE WW.	4
	NN	5-2265 MAGN.EIG.FK	69045	GRIDNEV	KA	5-1166 KERNREAKTIO	43066	GRIGORYANTS	VV	8- 600 MASER,LASER	2
GREER	CL	8- 765 KERN-MESSG.	40525			8-1229 KERNREAKTIO	43064			9- 499 MASER,LASER	2
	RGH	8-2782 LUFTHUELLE	90870			9-1062 KERNREAKTIO	43064	GRIGORYEV	EL	5-1161 KERNREAKTIO	4
GREET	RJ	8-1780 FLUESSIGK.	58555			11-1080 KERNSPKTR.	42550		MM	6-1440 PLASMA	5
GREFTE DE	HAM	8-2632 DUENNE SCHI	74000			11-1313 KERNREAKTIO	43066		VK	4- 892 ELEMENTART.	4
GREGG	DW	11- 493 OPT.INSTRUM	28530			12-1373 KERNREAKTIO	43064			5- 977 STARKE WW.	4
GREGOIRE	G	1-1070 KERNSPKTR.	42545		VN	4-2063 THERMEIG.FK	67553			9- 753 ELEMENTART.	4
GREGOR	LV	5-2700 DUENNE SCHI	74010	GRIDNEVA	IV	3-1808 KRIST.FEHL.	66035	GRIGSON	CWB	1- 501 TEILCH.OPT.	2
		12-1713 POLYMERE	53544		SM	7-1354 ATOME	52070			1-1326 KERNSTRUKT.	4
GREGORIO	R	2- 253 HYDRODYNAM.	23020	GRIEDER	P	1- 953 STARKE WW.	41764			1-2608 DUENNE SCHI	7
GREGORIO DE	P	1-2790 SONNENPHYS.	93314			5- 973 STARKE WW.	41764	GRILLI	M	10- 873 ELEMENTART.	4
GREGORY	BC	4-1599 PLASMA	57030			8-2741 KOSM.STRLG.	90646			12- 968 ELEMENTART.	4
		4-1674 PLASMA	57085		PKF	6- 561 KERN-MESSG.	40518	GRILLOT	D	11- 952 KERNSTRUKT.	4
		7-1581 PLASMA	57090	GRIEM	HR	5-1286 ATOME	52045		E	4-2268 LEITFHKG.FK	7
	BM	4-2817 SONNENPHYS.	93316			8-1548 PLASMA	57010			11-3014 OPT.EIG.FK	7
	MC	1-1127 KERNSPKTR.	42565			8-1655 PLASMA	57093	GRIMBERG	W	1- 626 OPT.INSTRUM	2
	RD	4- 374 ELASTIZIT.	22530			9-1208 ATOME	52047	GRIMES	CC	1- 532 HF-TECHNIK	2
	WD	6-2382 SUPRALEITG.	70520			9-1527 PLASMA	57093			12-2690 SUPRALEITG.	7
		8-2332 SUPRALEITG.	70530			12-1855 PLASMA	57210		DN	6- 511 PHYS.OPTIK	2
GREGSON JR.	VG	5-2034 MECH.EIG.FK	66540	GRIEMSMANN	JWE	10- 529 HF-TECHNIK	27530	GRIMSON	A	12-1972 FLUESSIGK.	5
		10- 676 OPT.INSTRUM	28580			10- 530 HF-TECHNIK	27530		RM	7-1636 GASENTLADG.	5
GREIDER	MH	10- 513 TEILCH.OPT.	27030	GRIESE	A	10- 294 FELDTHEORIE	18000	GRIMLEY	RT	2- 255 HYDRODYNAM.	2
GREIF	R	3- 645 PHYS.OPTIK	29066	GRIFF	N	4- 134 LABORTECHN.	12525		TB	12-2603 LEITFHKG.FK	7
		8- 464 WAERME	24060	GRIFFIN	A	9-2455 FK-SPEKTREN	73340	GRIMM	FA	4-1496 MOLEKUELE	5
GREIG	D	4-2049 THERMEIG.FK	67520		CS	9-1886 KRIST.FEHL.	66060		H	5-1754 FLUESSIGK.	5
		7-2379 THERMOELEKT	72010		DW	7- 497 HF-TECHNIK	27526		HJ	9- 877 STARKE WW.	4
	JR	10-1726 PLASMA	57203		HC	1-1208 KERNREAKTIO	43046		W	5- 600 OPT.INSTRUM	2
GREILING	DS	5-1989 KRIST.FEHL.	66062		JJ	1-1169 KERNREAKTIO	43008	GRIMNES	S	8-1805 FLUESSIGK.	5
GREIN	F	3-1217 MOLEKUELE	52514		R	11-1173 KERNREAKTIO	43008	GRIMSHAW	R	4- 437 AKUSTIK	2
GREINER	B	6- 911 KERNSPKTR.	42525			9-2922 STERNE	94020	GRIMVALL	G	11-2586 LEITFHKG.FK	7
	J	2-2172 MAGN.EIG.FK	69095		RF	8-2833 ASTROPHYSIK	93020		GA	3-1029 KERNREAKTIO	4
	JH	11-3144 DUENNE SCHI	74060		WG	10-1741 PLASMA	57256	GRIN	6A	6-1054 KERNREAKTIO	4
	NR	2-1289 MOLEKUELE	52575		DF	12-1295 KERNSPKTR.	42575	GRINBERG	AA	1-2437 FK-SPEKTREN	7
		9-1387 MOLEKUELE	52585	GRIFFING		7-1224 KERNREAKTIO	43075			4-2406 PHOTOLEITG.	7
		12-1682 MOLEKUELE	52575	GRIFFITH	JAR	10-1286 KERNREAKTIO	43064			5-2500 HALBLEITER	7
	W	1-1183 KERNREAKTIO	43028			11-1301 KERNREAKTIO	43064			6-2561 FK-SPEKTREN	7
		3- 928 KERNSPKTR.	42545		JS	1-1440 MOLEKUELE	52510		AP	11-3003 OPT.EIG.FK	7
		5-1117 KERNREAKTIO	43020		OH	3-1316 POLYMERE	53544		GA	4-1196 KERNREAKTIO	4
		6- 896 KERNSTRUKT.	42075		TC	11-1253 KERNREAKTIO	43052			11- 350 FLUESSIGK.	5
		6- 954 KERNSPKTR.	42555	GRIFFITHS	CH	3-2603 DUENNE SCHI	74010	GRINCHENKO	J	7-2100 THERMEIG.FK	6
		8-1090 KERNSPKTR.	42500		D	2- 877 STARKE WW.	41764		YA	11-2984 FK-SPEKTREN	7
		8-1214 KERNREAKTIO	43054			5- 882 STARKE WW.	41725	GRINDLAY	J	3-2002 DIELEKTRIKA	6
		10-1208 KERNREAKTIO	43030			9- 774 ELEMENTART.	41574			3-2003 DIELEKTRIKA	6
GREISEN	FC	11-2537 LEITFHKG.FK	70024			10- 990 STARKE WW.	41770	GRINEVICH	GP	7-1891 KRIST.FEHL.	6
GREISS	HB	10- 760 KERN-MESSG.	40584			10-2624 FK-SPEKTREN	73355	GRINGAUZ	KI	3-2848 MAGNETOSPH.	9

GRIPENBERG - GUENEBAUT

BERG S	2-2706	ERDKOERPER	90260	GROSHIK II	1-2337	HALBLEITER	71530	GRUEN N	3-1200	MOLEKUELE	52512
HOVER RJ	6-2487	THERMOELEKT	72010		5-2152	DIELEKTRIKA	68030	GRUENBAUM E	7-2591	DUENNE SCHI	74020
R RGJ	8-2481	FK-SPEKTREN	73330		12-3101	OPT.EIG.FK	73605	L	1-1056	KERNSEKTR.	42540
RU MT	3- 226	STATISTIK	17530	GROSJEAN CC	3- 51	UNTERRICHT	12025	H	3- 924	KERNSEKTR.	42545
WKOWSKY D	9- 213	STATISTIK	17530		3-2135	MAGN.EIG.FK	69045	P	6- 526	PHYS.OPTIK	29060
DM CA	6-2196	FK-SPEKTREN	73355	GROSMANN M	5-2113	THERMIG.FK	67510	H	9- 467	HF-TECHNIK	27530
DL	6-2751	ERDKOERPER	90260	GROSS B	5-2574	FK-SPEKTREN	73325	P	1-2462	FK-SPEKTREN	73325
RE	7-2476	FK-SPEKTREN	73355	DJ	12-3252	GRENZFL.FK	74540	R	1-1547	PLASMA	57030
AEV IA	7-2476	FK-SPEKTREN	73355		4-1182	KERNREAKTIO	43010	H	8- 138	LABORTECHN.	12580
	2- 676	BESCHLEUNIG	41030		6- 802	STARKE WW.	41755	G	4-2087	FK-SPEKTREN	73370
	10-1210	KERNREAKTIO	43034		7- 134	QUANTENTHEO	16516	GRUETTER E	12-2422	THERMIG.FK	67510
	11- 662	BESCHLEUNIG	41030		9- 727	ELEMENTART.	41535	CR	5- 746	KERN-MESSG.	40540
ANOVA SI	12-1573	ATOME	52075	EE	12- 913	ELEMENTART.	41540	N	12- 507	ELEKTRIZIT.	26012
CHENKO EK	9-2261	HALBLEITER	71505		3-1056	KERNREAKTIO	43054	F	8- 615	OPT.INSTRUM	28510
CHUK LP	6- 384	HF-TECHNIK	27560	EF	7-1191	KERNREAKTIO	43054	GRUM GRZHMAILLO S.V.	3-2501	FK-SPEKTREN	73325
	7- 277	FELDTHEORIE	18060		11-1241	KERNREAKTIO	43050	JB	3-2491	FK-SPEKTREN	73325
	8-3015	KOSM.PHYSIK	94583		2-2228	LEITFHGK.FK	70053		4-2512	FK-SPEKTREN	73325
	10- 323	FELDTHEORIE	18042	EP	5-1342	MOLEKUELE	52500		5-2573	FK-SPEKTREN	73325
CHKINA S.P.	8-2295	LEITFHGK.FK	70056		9-2386	FK-SPEKTREN	73325		6-2527	FK-SPEKTREN	73330
	4- 892	ELEMENTART.	41546	F	1-1540	PLASMA	57026		6-2599	OPT.EIG.FK	73625
IN AP	5- 977	STARKE WW.	41764		6- 823	STARKE WW.	41767		11-2567	LEITFHGK.FK	70053
	9- 753	ELEMENTART.	41546	MG	5-2834	LUFTHUELLE	90890	GRUNDHAUSER FJ	10- 779	BESCHLEUNIG	41010
GV	7-1396	MOLEKUELE	52514	RA	6-1447	PLASMA	57050	Y	7-1100	KERNSEKTR.	42555
IA	8-1398	MOLEKUELE	52514		12- 450	HYDRODYNAM.	23060	JA	9- 959	KERNSEKTR.	42555
SF	12-3198	DUENNE SCHI	74040		12-1806	PLASMA	57080		5-1187	KERNREAKTIO	43092
AD	4-2312	SUPRALEITG.	70560	RWF	12-1679	MOLEKUELE	52575		9-1091	KERNREAKTIO	43092
EY	7-1959	KRIST.FEHL.	66073	U	3-1782	KRIST.FEHL.	66030	GRUNDY R	8-1576	PLASMA	57026
GI	4-2312	SUPRALEITG.	70560	AV	9-1675	FLUESSIGK.	58540	GRUNER L	3- 436	HF-TECHNIK	27530
NN	9-2581	OPT.EIG.FK	73625	P	6-2570	FK-SPEKTREN	73325	R	1-2107	MAGN.EIG.FK	69025
SP	4- 29	BIOGRAPHIEN	10240		9-2426	FK-SPEKTREN	73325		10-1793	GASE	58050
NJ	9-2285	HALBLEITER	71530	GROSSE RUYKEN H.	10- 751	KERN-MESSG.	40582		12-1918	GASE	58050
GI	8- 592	MASER,LASER	28045	J	4-2615	GRENZFL.FK	74535	GRUNHAUS J	2- 788	STARKE WW.	41725
ORE R	9- 951	KERNSEKTR.	42545	GROSSET J	7- 883	ELEMENTART.	41576	HP	3-2415	HALBLEITER	71563
JT	7-1037	KERNSTRUKT.	42080	GROSSETETE B	11- 733	ELEMENTART.	41563		3-2416	HALBLEITER	71563
	5- 42	UNTERRICHT	12020		12-1322	KERNREAKTIO	43030	GRUNZWEIG J	5-2168	FK-SPEKTREN	73370
VV	6-1177	ATOME	52022	F	6-1190	ATOME	52030		11-2462	MAGN.EIG.FK	69060
ITH III O.F.	12-1668	MOLEKUELE	52560	CR	10-1270	KERNREAKTIO	43056	GRUPPELAAR H	12-3082	FK-SPEKTREN	73370
	9-1287	MOLEKUELE	52516	GROSSKREUTZ JC	1-1885	KRIST.FEHL.	66035		3-1023	KERNREAKTIO	43040
YH	11- 662	BESCHLEUNIG	41030		2-1625	KRISTALLE	65530		3-1031	KERNREAKTIO	43044
INE T	1-2758	IONOSPHERE	91020		3-1800	KRIST.FEHL.	66035		11-1223	KERNREAKTIO	43044
M	7-2799	IONOSPHERE	91074	GROSSMAN AS	7-1970	MECH.EIG.FK	66500	GRUSHIN VF	3- 762	ELEMENTART.	41574
K	11-1346	K-REAKTOREN	43510	LM	5- 715	KERN-MESSG.	40503	AI	4-2424	FK-SPEKTREN	73315
	4-1484	FLUESSIGK.	58573		6-1148	KERNSTRHLG.	44030		7-1299	ATOME	52022
	6- 394	MASER,LASER	28035	GROSSMANN A	8-2673	GRENZFL.FK	74530	YS	6-1830	FK-SPEKTREN	73310
	12-2928	FK-SPEKTREN	73340	G	10- 751	KERN-MESSG.	40582	VA	11-1665	PLASMA	57020
ULSKI W	9- 902	KERNSTRUKT.	42060	P	5- 914	STARKE WW.	41740	GRUZDEV VV	10- 606	MASER,LASER	28055
	10-1232	KERNREAKTIO	43046	S	4- 294	STATISTIK	17530	IA	2-2594	DUENNE SCHI	74020
JJ	12- 684	OPT.INSTRUM	28550	GROSSO C	8- 944	STARKE WW.	41725	YM	9- 544	MASER,LASER	28060
IT	1- 172	QUANTENTHEO	16556	GROSSWEINER LI	2-2425	PHOTOLEITG.	72510		9- 624	PHYS.OPTIK	29063
	1- 173	QUANTENTHEO	16556	GROSVALET J	11-2766	HALBLEITER	71580		11- 486	MASER,LASER	28060
	2- 147	QU.FELDTHEO	17010	H	11- 707	ELEMENTART.	41546	GRYNBERG M	2-2181	OPT.EIG.FK	73605
	6- 658	ELEMENTART.	41530	T	9- 978	KERNSEKTR.	42565		11-2551	LEITFHGK.FK	70020
	10- 182	QUANTENTHEO	16530	C	1- 954	STARKE WW.	41764	ME	3- 873	STARKE WW.	41790
	5-1095	KERNSEKTR.	42570		7- 991	STARKE WW.	41775		4-1043	KERNSTRUKT.	42020
L	5-1863	KRISTALLE	65540		11- 809	STARKE WW.	41730		8-1052	STARKE WW.	41790
	6-1811	KRISTALLE	65545	GRÖTE VOM KH	5-1854	KRISTALLE	65518	DA	5-1393	MOLEKUELE	52536
	8- 812	BESCHLEUNIG	41010	T	5- 780	KERN-MESSG.	40503		10-1559	MOLEKUELE	52536
	9-1763	KRISTALLE	65545		6- 634	BESCHLEUNIG	41020		11-1538	MOLEKUELE	52534
NER O	4-1553	GRENZFL.FK	74535	W	1- 4	BIOGRAPHIEN	10212	P	7- 104	VAKUUM	13020
ENBOOM EYELAAR C.	2-1860	MECH.EIG.FK	66550	KH	3-1568	FLUESSIGK.	58540	GPAN	10-1489	ATOME	52085
VEVELD A	7-1201	KERNREAKTIO	43060	K	2-1080	KERNREAKTIO	43080	ALV	1-1528	LEITFHGK.FK	70010
DG	2-1517	GASE	58045		7-1231	KERNREAKTIO	43080	C	10-3067	KOSM.PHYSIK	94500
J	6- 313	THERMODYN.	24520		10-1307	KERNREAKTIO	43080	JB	9- 482	MASER,LASER	28050
EWEG J	11- 192	STATISTIK	17526		11-1326	KERNREAKTIO	43080	R	6- 633	BESCHLEUNIG	41020
H	5- 595	MASER,LASER	28060	GROUBERT E	7-1771	FLUESSIGK.	58570	C	3- 165	QUANTENTHEO	16575
QU BROESE VAN A.	1- 371	HYDRODYNAM.	23060		12-1947	FLUESSIGK.	58510	A	12-1595	MOLEKUELE	52514
	5-2219	MAGN.EIG.FK	69010	AS	3-2666	GRENZFL.FK	74520	F	10-1223	KERNREAKTIO	43044
	5-2299	MAGN.EIG.FK	69045	WM	5-2507	HALBLEITER	71580	B	8- 674	OPT.INSTRUM	28570
OU VAN AB	3-2128	MAGN.EIG.FK	69040	JR	3-2455	PHOTOLEITG.	72500	P	10-1220	KERNREAKTIO	43044
RP	6-2369	SUPRALEITG.	70520		1-1018	KERNSEKTR.	42510	VN	7- 441	ELEKTRIZIT.	26060
	8-2320	SUPRALEITG.	70520		1-1019	KERNSEKTR.	42510	AI	3-2194	LEITFHGK.FK	70038
FM	7-1413	MOLEKUELE	52528		1-1032	KERNSEKTR.	42520		3-2434	HALBLEITER	71570
WARD R	11-3274	LUFTHUELLE	90810		2-1088	KERNREAKTIO	43092		4-2372	HALBLEITER	71570
MOCHINSKII A.S.	2-1618	KRISTALLE	65516	PS	4-1054	KERNSTRUKT.	42070	YI	8- 998	STARKE WW.	41753
	1-1633	PLASMA	57085		9- 994	KERNREAKTIO	43005	AV	1- 87	PLASMA	57053
B	5-1615	PLASMA	57020		2-1103	K-REAKTOREN	43510	VF	4-1651	PLASMA	57055
D	6- 155	QU.FELDTHEO	17000		9-1137	KERNSTRHLG.	44010	JS	6-2969	KOSM.PHYSIK	94560
KY	1-1131	KERNSEKTR.	42565	R	10-1340	K-REAKTOREN	43515	KE	12- 323	STATISTIK	17540
	6- 993	KERNSEKTR.	42565	GW	8- 61	UNTERRICHT	12030	NN	1- 653	OPT.INSTRUM	28595
	6- 996	KERNSEKTR.	42565	SH	4-2234	LEITFHGK.FK	70028	VS	6-2839	IONOSPHERE	91072
	7-1114	KERNSEKTR.	42560		4-2487	OPT.EIG.FK	73610	MD	7-2067	GITTERDYN.	67070
	11-1119	KERNSEKTR.	42560		5-2450	HALBLEITER	71520		9-1874	KRIST.FEHL.	66035
	11-1137	KERNSEKTR.	42565	TH	11-2552	LEITFHGK.FK	70028	VA	12-2307	KRIST.FEHL.	66065
	3- 285	ELASTIZIT.	22520		1- 741	KERN-MESSG.	40560		1-1717	GASE	58025
TN	3-1619	KRISTALLE	65512		6- 833	STARKE WW.	41770	MA	11- 479	MASER,LASER	28055
DE	6- 383	HF-TECHNIK	27560	WO	12-1003	STARKE WW.	41725	IA	10-1061	KERNSEKTR.	42925
DE	4- 908	ELEMENTART.	41574	RM	11- 454	MASER,LASER	28050		5- 704	PHYS.OPTIK	29063
KN	1-2749	LUFTHUELLE	90880	J	3- 536	MASER,LASER	28055	H	3- 434	HF-TECHNIK	27530
EH	11- 817	STARKE WW.	41735	B	4- 428	HYDRODYNAM.	23060	F	11-1213	KERNREAKTIO	43034
JJ	3-1496	GASE	58025		7- 139	QUANTENTHEO	16516	S	10- 168	QUANTENTHEO	16523
K	7-1764	FLUESSIGK.	58565	GRUBER	10- 161	QUANTENTHEO	16516	SP	9- 129	QUANTENTHEO	16523
MS	1-1508	MOLEKUELE	52547		11- 79	QUANTENTHEO	16516	T	7-1214	KERNREAKTIO	43064
	6-1308	MOLEKUELE	52516		12-1073	STARKE WW.	41753	KK	11-1295	KERNREAKTIO	43060
RL	4-1505	MOLEKUELE	52528	EE	3-2662	GRENZFL.FK	74520	VV	10- 412	AUSTIK	23540
SR	3- 257	FELDTHEORIE	18020	GA	1-2596	DUENNE SCHI	74010	VM	8-2971	KOSM.PHYSIK	94520
	5- 469	ELEKTRODYN.	26500	GM	9-2879	PLANETEN	93614	VI	9- 955	KERNSEKTR.	42550
	5- 470	ELEKTRODYN.	26500	JB	1-1876	KRIST.FEHL.	66030		9- 981	KERNSEKTR.	42565
	10- 486	ELEKTRODYN.	26500		2-2449	FK-SPEKTREN	73325		12-1278	KERNSEKTR.	42565
	10- 487	ELEKTRODYN.	26500		8-2267	LEITFHGK.FK	70028	LS	11-1102	KERNSEKTR.	42555
	10- 488	ELEKTRODYN.	26500		11-2849	FK-SPEKTREN	73325	LF	8- 744	PHYS.OPTIK	29083
	10- 489	ELEKTRODYN.	26500	R	3- 724	ELEMENTART.	41540	LI	2-2885	KOSM.PHYSIK	94560
	10- 490	ELEKTRODYN.	26500	S	11-1745	PLASMA	57080		6-1407	PLASMA	57010
	10-1774	GASE	58010	U	3- 972	KERNSEKTR.	42565		9-2995	KOSM.PHYSIK	94560
	10-1775	GASE	58010	J	12-3456	KOSM.PHYSIK	94520	P	7-1736	FLUESSIGK.	58546
ENGIESSER A.	8- 103	MESSEN	12240	GRUBISSICH C	12-1484	ATOME	52010	G	1-2012	DIELEKTRIKA	68020
N	5- 675	PHYS.OPTIK	29035	GRUDZINSKAS J	5-1738	FLUESSIGK.	58520	H	5-1685	GASENTLADG.	57860
ESCU R	6-2184	FK-SPEKTREN	73370	GRUEBEL RW	11-1446	ATOME	52065	N	2-1279	MOLEKUELE	52524
H	6-1631	FLUESSIGK.	58540	GRUEBLER W	6- 626	BESCHLE					

GUENEBAUT H	8-1416 MOLEKUELE	52524	GUILLEN R	6-2425 HALBLEITER	71530	GUOBADIA AI	10-2590 FK-SPEKTREN	7
GUENIN G	10-2162 GITTERDYN.	67070	GUILLOT JC	7- 216 QU.FELDTHEO	17060	GUPTA AD	1- 427 GASE	1
M	7- 130 QUANTENTHEO	16513	M	2-2147 MAGN.EIG.FK	69060		1- 428 GASE	1
	11- 163 QU.FELDTHEO	17040		4- 14 BIOGRAPHIEN	10218		3-1515 GASE	1
GUENOCHÉ H	9- 330 HYDRODYNAM.	23060		7- 435 ELEKTRIZIT.	26030		5-1705 GASE	1
GUENTHER AH	4-1974 MECH.EIG.FK	66514	GUILLOU M	7-2330 HALBLEITER	71530		5-2839 IONOSPHAERE	1
	7- 541 MASER, LASER	28045	GUILLOU LE JC	20- 249 QU.FELDTHEO	17025		6-1614 GASE	1
	8-1813 FLUESSIGK.	58573	GUIMARD F	12-3123 OPT.EIG.FK	73630	AK	2-1330 POLYMERE	1
	12-1637 MOLEKUELE	52540	GUIMARD J	6-2031 MECH.EIG.FK	66518		3- 423 STATISTIK	1
C	5-1104 KERNSPEKTR.	42575	GUINAM MW	11-2167 MECH.EIG.FK	66514	AS	11-1705 PLASMA	1
	11-1011 KERNSPEKTR.	42510	GUINIER A	7- 696 PHYS.OPTIK	29048	BK	9-1263 MOLEKUELE	1
G	2-1083 KERNREAKTIO	43085		10-2200 THERMEIG.FK	67553	GP	3-1504 GASE	1
	6- 915 KERNSPEKTR.	42540		12-2447 THERMEIG.FK	67553		9-1521 PLASMA	1
	9- 5 BIOGRAPHIEN	10215	GUINZY NJ	9-2703 GEOPHYSIK	90000	HMS	1-1249 KERNREAKTIO	1
H	2-1030 KERNREAKTIO	43044	GUIOT JM	12-3239 GRENZFL.FK	74535		1-1264 KERNREAKTIO	1
	12-2221 KRIST.FEHL.	66010	GUIRAUD JP	12- 315 STATISTIK	17523		3-1088 KERNREAKTIO	1
KG	5- 96 VAKUUM	13000	GUISSARD AC	4- 581 HF-TECHNIK	27540		4-1173 KERNREAKTIO	1
	11- 61 VAKUUM	13020	GUITTARD M	8-1917 KRISTALLE	65588		9-1081 KERNREAKTIO	1
PT	12-1346 KERNREAKTIO	43048	GUIU F	6-2045 MECH.EIG.FK	66540		11-1288 KERNREAKTIO	1
GUENTHERODT HJ	3-1531 FLUESSIGK.	58510		10-2109 MECH.EIG.FK	66550	JC	2-2793 IONOSPHAERE	1
	5-1797 FLUESSIGK.	58560	GUJRATHI SC	10-2110 MECH.EIG.FK	66545	KC	1- 795 ELEMENTART.	1
	6-1724 FLUESSIGK.	58560		2- 964 KERNSPEKTR.	42550		2- 705 ELEMENTART.	1
	12-2035 FLUESSIGK.	58560		9- 954 KERNSPEKTR.	42550		3- 738 ELEMENTART.	1
GUERCI JC	3-2453 PHOTOLEITB.	72500	GULA A.	11- 745 ELEMENTART.	41574		7- 901 STARKE WW.	1
GUERET P	4- 195 QUANTENTHEO	16516	GULAKOVA TV	7-1891 KRIST.FEHL.	66025		9- 764 ELEMENTART.	1
	5- 795 ELEMENTART.	41520	GULDBRANDSEN B	12-2974 FK-SPEKTREN	73355		10- 898 STARKE WW.	1
GUERICKE VON O.	11- 35 BUECHER	11040	GULEMI AV	8-2731 GEOMAGNET.	90450	LC	10-1518 MOLEKUELE	1
GUERIN B.	12-1592 MOLEKUELE	52512	GULIEV T	1-2497 FK-SPEKTREN	73330	MK	2- 339 WAERME	1
F	1- 834 ELEMENTART.	41586	GULKAROV IS	1-1198 KERNREAKTIO	43036	NDS	2- 164 QU.FELDTHEO	1
	1-1370 ATOME	52030		5-1130 KERNREAKTIO	43034		4- 178 MATH.PHYSIK	1
M	8- 343 MECHANIK	22032		8-1198 KERNREAKTIO	43036		6- 109 QUANTENTHEO	1
R	2-2842 PLANETEN	93612	GULKO AD	9-1014 KERNREAKTIO	43034		8- 725 PHYS.OPTIK	1
GUERMEUR R	5-1807 FLUESSIGK.	58562		1-2061 FK-SPEKTREN	73370	NP	3-1990 THERMEIG.FK	1
	2-1909 GITTERDYN.	67060	GULY VA	5-1133 KERNREAKTIO	43040	PD	11-1127 KERNSPEKTR.	1
	2-2004 FK-SPEKTREN	73345	GULYAEV AI	10-2901 LUFTHUELLE	90860	R	10-1458 ATOME	1
	6-2187 FK-SPEKTREN	73355	AM	4-1772 FLUESSIGK.	58527	RC	2-1316 MOLEKUELE	1
	6-2286 MAGN.EIG.FK	69070	MA	11-3098 DUENNE SCHI	74040		6- 259 HYDRODYNAM.	1
	11-3139 DUENNE SCHI	74050		7- 94 VAKUUM	13010		6-1625 FLUESSIGK.	1
GUERMOMPRES R	3-2928 BIOPHYSIK	96040		12- 139 VAKUUM	13010	RK	7-1038 KERNSTRUKT.	1
GUERNET GL	12-1227 KERNSPEKTR.	42545	YV	2-1914 GITTERDYN.	67060		7-1039 KERNSPEKTR.	1
GUERNSEY R	4-1592 PLASMA	57026		3-1950 GITTERDYN.	67060		8-1652 PLASMA	1
	5-1696 GASE	58010		3-2255 LEITFHGK.FK	70072	RN	4-1604 PLASMA	1
GUERON HM	9-1095 K-REAKTOREN	43500		3-2390 HALBLEITER	71530	SC	3-1506 GASE	1
GUERRA F	10- 945 STARKE WW.	41753		4-2039 GITTERDYN.	67060	SD	2- 828 STARKE WW.	1
GUERREIRO J	5- 348 HYDRODYNAM.	23060		5-2096 GITTERDYN.	67060		2- 861 STARKE WW.	1
GUERRERA JM	1- 101 VAKUUM	13030		6-2349 LEITFHGK.FK	70072		7-1032 KERNSTRUKT.	1
GUERS K	1- 562 MASER, LASER	28045	GULYELMI AV	7-2348 HALBLEITER	71560	SK	4-1242 KERNREAKTIO	1
GUERSEY F	8- 948 STARKE WW.	41725	GUMAN BN	12- 474 AKUSTIK	23595	SL	1-1143 KERNSPEKTR.	1
	11- 856 STARKE WW.	41753	VM	9- 908 KERNSTRUKT.	42070	SN	1- 785 ELEMENTART.	1
	11- 867 STARKE WW.	41755		10-1164 KERNSPEKTR.	42570		3- 253 FELDTHEORIE	1
GUERTIN RP	12-1011 STARKE WW.	41725	GUMANSKI GA	6- 618 KERN-MESSG.	40582		3- 784 STARKE WW.	1
	1-2266 SUPRALEITG.	70530		12- 856 KERN-MESSG.	40582		4-1049 KERNSTRUKT.	1
	8-2320 SUPRALEITG.	70520		12-2105 KRISTALLE	65516		5- 798 ELEMENTART.	1
GUERTLER J	11-3392 STERNE	94000	GUMENYUK AF	11-3024 OPT.EIG.FK	73635		8- 874 ELEMENTART.	1
GUERSEWELL D.	4-2071 DIELEKTRIKA	68020	BA	12- 819 KERN-MESSG.	40532	SPS	9- 173 QU.FELDTHEO	1
GUSS AW	4- 317 FELDTHEORIE	18030	GUMINETSKY SO	6- 528 PHYS.OPTIK	29063	SS	10-2036 KRIST.FEHL.	1
GUEST A	12- 670 OPT.INSTRUM	28530	HE	9-2385 FK-SPEKTREN	73325	V	6-1625 FLUESSIGK.	1
JE	7-2877 PLANETEN	93640	GUMNICK JL	5-2544 PHOTOLEITG.	72530	VD	6- 791 STARKE WW.	1
	12-3416 PLANETEN	93640	GUNDER OA	10-2741 OPT.EIG.FK	73670	VP	2-1330 POLYMERE	1
PB	12- 171 MATH-PHYSIK	16020	GUNDERMAN EJ	9-2984 KOSM.PHYSIK	94550	YD	5-1383 MOLEKUELE	1
GUETH W	7-2334 HALBLEITER	71540	E	10- 478 ELEKTRIZIT.	26030	YM	6-1958 KRIST.FEHL.	1
GUETHS JE	6-2112 THERMEIG.FK	67520	GUNDERSEN RM	10-3130 BIOPHYSIK	96040	YP	12- 981 STARKE WW.	1
GUETIN F	6-2441 HALBLEITER	71540		1-1585 PLASMA	57050		3-1749 KRIST.FEHL.	1
	9-2182 LEITFHGK.FK	70035		7-1527 PLASMA	57045		8-1776 FLUESSIGK.	1
GUETTINGER W	5- 223 QU.FELDTHEO	17040		9-1457 PLASMA	57040		9-1842 KRIST.FEHL.	1
	8- 170 QUANTENTHEO	16513		10-1684 PLASMA	57050	GUR	3- 120 QUANTENTHEO	1
GUFFROY D	2- 290 HYDRODYNAM.	23060		12-1755 PLASMA	57045	GURALNIK GS	4-1002 STARKE WW.	1
	3- 322 HYDRODYNAM.	23060	GUNDJIAN A	3-2023 DIELEKTRIKA	68050		11- 706 ELEMENTART.	1
	6- 278 HYDRODYNAM.	23060	GUNDLACH KH	2-2351 HALBLEITER	71570	SN	4- 509 ELEKTRIZIT.	1
GUGAM D	7- 81 LABORTECHN.	12530		3-2427 HALBLEITER	71570	DP	12- 813 KERN-MESSG.	1
GUGEL BM	2-2565 OPT.EIG.FK	73625	GUNDZIK MB	7-2581 DUENNE SCHI	74010	B	7-1216 KERNREAKTIO	1
GUGELOT PC	11-1245 KERNREAKTIO	43052	VB	8- 906 ELEMENTART.	41574		12-1369 KERNREAKTIO	1
GUGGENHEIM EA	6- 38 BUECHER	11010	GUNJIKAR JB	6- 300 WAERME	24040	GUREVIC AV	8-1590 PLASMA	1
	1-2141 MAGN.EIG.FK	69050		1-2372 HALBLEITER	71540	GUREVICH AG	2-2168 MAGN.EIG.FK	1
	3-2141 MAGN.EIG.FK	69050		5-2477 HALBLEITER	71540		5-2297 MAGN.EIG.FK	1
	4-2425 FK-SPEKTREN	73320		8-1890 KRISTALLE	65574		6- 383 HF-TECHNIK	1
	4-2482 OPT.EIG.FK	73610		8-2373 HALBLEITER	71520	AV	12-3006 FK-SPEKTREN	1
	6-2534 FK-SPEKTREN	73330	JE	8-3012 KOSM.PHYSIK	94583		12-3013 FK-SPEKTREN	1
	7-2096 THERMEIG.FK	67550	MW	10- 531 HF-TECHNIK	27530		2-2797 IONOSPHAERE	1
	11-2317 MAGN.EIG.FK	69010	SR	5-1842 FLUESSIGK.	58595		7-1501 PLASMA	1
	11-2430 MAGN.EIG.FK	69050	GUNNSEN EM	6- 578 KERN-MESSG.	40520		10-1716 PLASMA	1
	11-2848 FK-SPEKTREN	73325	GUNNING HE	9-1369 MOLEKUELE	52575	DB	5-1529 PLASMA	1
	12-2866 FK-SPEKTREN	73320	GUNSON J	4- 201 QUANTENTHEO	16526		10-1646 PLASMA	1
GUHA S	1-2311 HALBLEITER	71520	GUNSSER W	4-2085 FK-SPEKTREN	73370	II	4- 891 ELEMENTART.	1
	5-2455 HALBLEITER	71520		9-2130 MAGN.EIG.FK	69050		10-1379 KERNSTRUKT.	1
	7-2328 HALBLEITER	71530		9-2508 FK-SPEKTREN	73370	IM	6- 408 MASER, LASER	1
	9-1477 PLASMA	57055	GUNST RH	11-3228 GEOMAGNET.	90430	LE	1-2239 LEITFHGK.FK	1
	9-1622 GASE	58050	SB	2-1090 KERNREAKTIO	43092		2-2432 PHOTOLEITG.	1
	10-2477 HALBLEITER	71540		4-1227 KERNREAKTIO	43048		3-1951 GITTERDYN.	1
GUIBERGIA JP	11-1716 PLASMA	57053	GUNTEN VON HR	1-1272 KERNREAKTIO	43092		4-2221 OPT.EIG.FK	1
	2- 292 HYDRODYNAM.	23060		4-1287 KERNREAKTIO	43092		4-2351 HALBLEITER	1
GUICHARD A	5- 350 HYDRODYNAM.	23060	GUNTER TE	2-2010 FK-SPEKTREN	73370		5-2381 LEITFHGK.FK	1
GUICHARDET A	10-1288 KERNREAKTIO	43064		3-1293 FK-SPEKTREN	73355		7-1568 PLASMA	1
GUIDONI P	1- 120 QUANTENTHEO	16513	GUNTHER H	1-1271 KERNREAKTIO	43092		8-2086 GITTERDYN.	1
	10- 933 STARKE WW.	41745		2-1012 KERNREAKTIO	43030	NY	3-2579 OPT.EIG.FK	1
	10- 934 STARKE WW.	41745		12-1403 KERNREAKTIO	43092	VB	8-2915 PLANETEN	1
GUIGAY JP	1- 510 TEILCH.OPT.	27030	L	2-2262 SUPRALEITG.	70510	VL	1-2242 LEITFHGK.FK	1
GUILE AE	4-1736 GASENTLADG.	57860		5-2063 GITTERDYN.	67010		1-2247 LEITFHGK.FK	1
	9-1590 GASENTLADG.	57860	GUNTON JD	8- 314 STATISTIK	17566		4-2023 GITTERDYN.	1
GUILINO E	3-1449 PLASMA	57250		8- 479 THERMODYN.	24536		9-2311 GITTERDYN.	1
GUILLAUD C	4-1712 PLASMA	57235		10-2257 MAGN.EIG.FK	69025	YG	4-2252 LEITFHGK.FK	1
	10- 771 BESCHLEUNIG	41010	RC	9-1426 PLASMA	57010	YY	10-2823 GRENZFL.FK	1
GUILLAUME C	12- 552 TEILCH.OPT.	27040	GUNTSCH A	2-1255 MOLEKUELE	52524	GUREVITCH LE	9-1486 PLASMA	1
	12-2312 KRIST.FEHL.	66065	MR	2- 906 KERNSTRUKT.	42020	NN	4-2679 GEOMAGNET.	1
R	2- 291 HYDRODYNAM.	23060	GUNYE	3-1033 KERNREAKTIO	43044		6- 576 KERN-MESSG.	1
	3- 321 HYDRODYNAM.	23060		4-1230 KERNREAKTIO	43048	GURFINKEL Y	6- 967 KERNPEKTR.	1
GUILLAUME A LA C.B.				5-1098 KERNSPEKTR.	42570	GURGENISHVILI G.E.	5-2214 FK-SPEKTREN	1
	1-2546 OPT.EIG.FK	73605		7-1018 KERNSTRUKT.	42070		8-1733 FLUESSIGK.	1
GUILLAUMON JA	12-1263 KERNSPEKTR.	42560		9- 929 KERNSPEKTR.	42530	GURIKOV YI	2-1536 FLUESSIGK.	1
GUILLEMOT JC	5- 693 PHYS.OPTIK	29045		12-1175 KERNSTRUKT.	42075	YV	8-1732 FLUESSIGK.	1
M	9-1569 PLASMA	57266	GUNZ R	12-1556 ATOME	52065		8-2922 STERNE	1
QUILLEN N	10- 185 QUANTENTHEO	16530		12-1557 ATOME	52065	GURM HS	11-3336 IONOSPHAERE	1
QUILLERMET G	10- 345 MECHANIK	22050	GUNZBOURG DE J	11-2437 MAGN.EIG.FK	69050	DA	10- 589 MASER, LASER	1
QUILLIEN R	1-1941 MECH.EIG.FK	66556		11-2469 MAGN.EIG.FK	69060	RP		1

ICH	VT	7-2954	KOSM.PHYSIK	94586	GUYER	RA	3-1924	GITTERDYN.	67020	HACK	MN	9-132	QUANTENTHEO	16523
VAN	GJ	10-2439	SUPRALEITG.	70550			6-2171	FK-SPEKTREN	73370	HACKER	K	11-1031	KERN-SPEKTR.	42540
	HS	2-687	ELEMENTART.	41500			10-2180	THERMEIG.FK	67520	HACKERMAN	H	12-1978	FLUESSIGK.	58530
AYA	GV	11-2054	KRISTALLE	65586	GUYON	E	3-1548	FLUESSIGK.	58527		N	5-1765	FLUESSIGK.	58530
Y	H	4-2878	KOSM.PHYSIK	94540			5-1749	FLUESSIGK.	58527			8-1758	FLUESSIGK.	58530
N	ME	7-2928	KOSM.PHYSIK	94540			10-2435	SUPRALEITG.	70530	HACKLER	WA	12-123	LABORTECHN.	12550
		4-484	THERMODYN.	24510	GUYOT	H	6-82	VAKUUM	13040			10-2059	KRIST.FEHL.	66065
		5-344	HYDRODYNAM.	23060		P	6-2008	MECH.EIG.FK	66545	HADDOCK	FT	4-2881	KOSM.PHYSIK	94550
CH	AM	5-444	THERMODYN.	24550	GUZHAVIN	VM	5-977	STARKE WW.	41764	HADDON	RAW	8-2716	ERDKOERPER	90210
		2-2555	OPT.EIG.FK	73670			6-597	KERN-MESSG.	40555	HADDOW	JB	5-289	ELASTIZIT.	22520
		9-2603	OPT.EIG.FK	73640		VV	1-1323	KERNSTRHLG.	44030			12-404	ELASTIZIT.	22530
	AS	4-405	HYDRODYNAM.	23020			6-2786	KOSM.STRLG.	90646	HADISHI	T	2-975	KERN-SPEKTR.	42560
	LV	3-1244	MOLEKUELE	52524			11-3270	KOSM.STRLG.	90646			5-1294	ATOME	52070
	YA	2-2233	LEITFHGK.FK	70056	GUZHOVSII	BY	6-1076	KERN-MESSG.	43056	HADEK	V	1-2300	HALBLEITER	71505
		2-2244	LEITFHGK.FK	70072		IT	2-1471	PLASMA	57295	HADEN	CR	2-2260	SUPRALEITG.	70510
		10-2462	HALBLEITER	71520			8-1683	PLASMA	57270	HADERMANN	J	2-924	KERNSTRUKT.	42070
TS	SA	2-128	QUANTENTHEO	16578	GUZHOVSKY	BY	4-1108	KERN-SPEKTR.	42550			12-1290	KERN-SPEKTR.	42570
N	YA	2-2846	PLANETEN	93630	GUZIKOVA	LV	10-642	OPT.INSTRUM	28540	HADESTY	GB	5-273	MECHANIK	22038
V	GN	5-861	STARKE WW.	41700	GVALADZE	YS	11-1475	ATOME	52075	HADJ	AB	11-2791	PHOTOLEITG.	72510
DYAN	VA	3-2892	STERNE	94020	GVERDTSITELI	I.G.						11-2859	FK-SPEKTREN	73325
		12-3431	STERNE	94020			6-611	KERN-MESSG.	40580	HADJANTONIOU	A.	6-1317	MOLEKUELE	52580
OW	M	10-1288	KERNREAKTIO	43064			7-2485	FK-SPEKTREN	73355	HADJIDEMETRIOU	J.	8-2939	STERNE	94040
OV	AV	12-1370	KERNREAKTIO	43064	GVISHI	M	8-2259	LEITFHGK.FK	70024		JD	10-333	MECHANIK	22010
INSKII	AN	10-1492	ATOME	52090	GVOSDOVSKY	IV	1-2240	LEITFHGK.FK	70072			10-335	MECHANIK	22010
INSKY	AN	1-2453	FK-SPEKTREN	73315	GVODZEV	BA	9-981	KERN-SPEKTR.	42565	HADLEY	WB	5-2001	KRIST.FEHL.	66067
NOV	GD	6-2407	HALBLEITER	71500		MM	4-791	KERN-MESSG.	40518	HADNI	A	2-2485	FK-SPEKTREN	73330
		12-2114	KRISTALLE	65530	GVODZOVSKII	IV	4-2263	LEITFHGK.FK	70072			4-2452	FK-SPEKTREN	73330
		1-1987	THERMEIG.FK	67510	GWINN	JA	11-1417	ATOME	52024			5-2575	FK-SPEKTREN	73325
		6-2404	HALBLEITER	71500	GYARMATI	B	10-1189	KERNREAKTIO	43014			5-2593	FK-SPEKTREN	73330
		8-1954	KRIST.FEHL.	66035			12-1314	KERNREAKTIO	43014			5-2596	FK-SPEKTREN	73330
NOVA	ES	2-2349	HALBLEITER	71540			12-1362	KERNREAKTIO	43060			6-2528	FK-SPEKTREN	73330
	YM	9-2705	ERDKOERPER	90200	GYFTOPULOS	EP	9-1109	K-REAKTOREN	43515			6-2537	FK-SPEKTREN	73330
	AN	8-1527	POLYMERE	53540	GYLLING	R	11-2153	KRIST.FEHL.	66076			7-2443	FK-SPEKTREN	73330
	EA	5-425	THERMODYN.	24510	GYNN	AC	4-812	KERN-MESSG.	40540			7-2533	OPT.EIG.FK	73605
	GI	11-2579	LEITFHGK.FK	70065	GYORGYI	G	10-332	MECHANIK	22010	HADRASKY	M	10-1894	FLUESSIGK.	58576
	LM	2-2453	OPT.EIG.FK	73605	GYORGYI	EM	7-2159	MAGN.EIG.FK	69045			12-664	OPT.INSTRUM	28523
		9-626	PHYS.OPTIK	29063			8-2184	MAGN.EIG.FK	69035	HADZI	D	12-61	TAGUNGEN	10550
	MI	6-580	KERN-MESSG.	40520			11-2296	MAGN.EIG.FK	69000			12-2113	KRISTALLE	65530
	NK	4-2503	OPT.EIG.FK	73620			11-2482	MAGN.EIG.FK	69060	HAEBERLEN	U	2-631	KERN-MESSG.	40505
	NN	8-634	OPT.INSTRUM	28530			12-2512	MAGN.EIG.FK	69010			3-2038	FK-SPEKTREN	73370
	VP	6-853	STARKE WW.	41783	GYUK	I	2-760	STARKE WW.	41700			3-2039	FK-SPEKTREN	73370
	HP	2-1253	MOLEKUELE	52534	GYULAI	J	1-2431	PHOTOLEITG.	72510			8-556	HF-TECHNIK	27560
		5-704	PHYS.OPTIK	29063			9-2318	HALBLEITER	71566	HAEBERLI	W	6-630	BESCHLEUNIG	41010
		7-618	OPT.INSTRUM	28530								8-813	BESCHLEUNIG	41010
		9-1257	MOLEKUELE	52512								8-1222	KERNREAKTIO	43062
		10-2667	FK-SPEKTREN	73370								9-1051	KERNREAKTIO	43060
		4-2372	HALBLEITER	71570								9-1059	KERNREAKTIO	43064
	RT	2-2740	KOSM.STRLG.	90630	HAACKE	G	7-1849	KRISTALLE	65588			12-1262	KERN-SPEKTR.	42560
	SA	10-2788	DUEENNE SCHI	74050	HAAG	R	10-2509	THERMOELEKT	72010	HAEFER	H	1-2150	MAGN.EIG.FK	69065
	TM	10-470	ELEKTIZIT.	26012	HAAG	FA	11-145	QU.FELDTHEO	17000		RA	3-86	VAKUUM	13010
	YM	12-2456	THERMEIG.FK	67556	HAAG	FA	1-714	PHYS.OPTIK	29088			5-98	VAKUUM	13010
	PL	3-1374	PLASMA	57050			7-2445	FK-SPEKTREN	73330	HAEMEEN ANTILLA	K.A.	5-258	FELDTHEORIE	18040
	MA	4-1343	ATOME	52010	HAAG	FA	11-471	MASER,LASER	28055			2-2887	KOSM.PHYSIK	94570
	BM	6-958	KERN-SPEKTR.	42510	HAAG	FA	10-246	QU.FELDTHEO	17020	HAEMEEN ANTILLA	K.A.	3-2916	KOSM.PHYSIK	94560
		4-823	KERN-MESSG.	40560	HAAG	FA	7-2217	LEITFHGK.FK	70053			4-2835	PLANETEN	93610
	YK	11-610	KERN-MESSG.	40560	HAAG	FA	8-3019	KOSM.PHYSIK	94586			8-3001	KOSM.PHYSIK	94565
		1-1659	PLASMA	57203	HAAG	FA	11-1896	FLUESSIGK.	58527			12-3479	KOSM.PHYSIK	94560
		7-1538	PLASMA	57053	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAENDEL	SK	3-1486	GASENTLADG.	57870
		7-1539	PLASMA	57053	HAAG	FA	11-2595	LEITFHGK.FK	70076			8-1335	ATOME	52047
		7-1539	PLASMA	57053	HAAG	FA	11-2595	LEITFHGK.FK	70076			12-1904	GASENTLADG.	57870
		7-2226	SUPRALEITG.	70530	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAENSCH	T	8-1544	PLASMA	57010
		7-2512	FK-SPEKTREN	73380	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAENSEL	C	8-43	BUECHER	11040
	WA	5-1590	PLASMA	57070	HAAG	FA	11-2595	LEITFHGK.FK	70076		R	2-678	BESCHLEUNIG	41040
	WA	11-592	KERN-MESSG.	40527	HAAG	FA	11-2595	LEITFHGK.FK	70076			3-2654	DUEENNE SCHI	74065
	J	4-2057	THERMEIG.FK	67550	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAENSEL	R	8-2462	FK-SPEKTREN	73320
	SE	2-1570	FLUESSIGK.	58550	HAAG	FA	11-2595	LEITFHGK.FK	70076			9-2381	FK-SPEKTREN	73320
		2-1589	FLUESSIGK.	58570	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAENSEL	R	4-2288	SUPRALEITG.	70520
		2-1590	FLUESSIGK.	58570	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAENSEL	R	7-2711	GEOMAGNET.	90460
		7-1739	FLUESSIGK.	58550	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERENDEL	O	3-2189	HALBLEITER	71520
		8-1770	FLUESSIGK.	58546	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERING	RR	4-793	KERN-MESSG.	40520
		10-1852	FLUESSIGK.	58550	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERING	RR	5-2620	FK-SPEKTREN	73380
		5-105	VAKUUM	13022	HAAG	FA	11-2595	LEITFHGK.FK	70076			5-2683	DUEENNE SCHI	74000
	JE	1-594	MASER,LASER	28055	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAENSEL	R	12-2829	PHOTOLEITG.	72500
	LY	3-2887	PLANETEN	93655	HAAG	FA	11-2595	LEITFHGK.FK	70076			12-2876	FK-SPEKTREN	73325
	VB	6-2619	OPT.EIG.FK	73650	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERINGEN VAN	W.	1-573	MASER,LASER	28055
	LJ	9-2603	OPT.EIG.FK	73640	HAAG	FA	11-2595	LEITFHGK.FK	70076			3-524	MASER,LASER	28055
		7-894	STARKE WW.	41710	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERLIN	O	10-2022	KRIST.FEHL.	66020
	F	9-775	ELEMENTART.	41574	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERM	R	9-2937	STERNE	94040
	HH	10-1314	KERNREAKTIO	43085	HAAG	FA	11-2595	LEITFHGK.FK	70076			11-3407	STERNE	94040
MAKHHER	TM	11-1665	PLASMA	57020	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERLIN	O	6-14	TAGUNGEN	10525
REUND	H	11-2528	LEITFHGK.FK	70010	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERLIN	O	5-1395	MOLEKUELE	52534
	E	1-1266	KERNREAKTIO	43090	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERLIN	O	11-1567	MOLEKUELE	52540
		3-1310	POLYMERE	53540	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERLIN	O	8-1216	KERNREAKTIO	43054
		6-10	BIOGRAPHIEN	10218	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERLIN	O	6-1935	KRIST.FEHL.	66035
		8-194	QUANTENTHEO	16523	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERLIN	O	7-2026	MECH.EIG.FK	66556
		2-2321	HALBLEITER	71520	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERLIN	O	2-992	KERN-SPEKTR.	42570
		5-2374	LEITFHGK.FK	70056	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERLIN	O	3-972	KERN-SPEKTR.	42565
		2-2637	GRENZFL.FK	74520	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERLIN	O	6-1258	MOLEKUELE	52512
		6-2377	SUPRALEITG.	70540	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERLIN	O	1-22	BIOGRAPHIEN	10230
	WA	12-2767	HALBLEITER	71530	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERLIN	O	7-778	KERN-MESSG.	40532
	AA	9-2562	OPT.EIG.FK	73610	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERLIN	O	7-1806	KRISTALLE	65540
	RG	5-1251	ATOME	52024	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERLIN	O	1-1820	KRISTALLE	65545
	D	9-1362	MOLEKUELE	52575	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERLIN	O	10-2534	FK-SPEKTREN	73310
	EJ	3-1868	MECH.EIG.FK	66514	HAAG	FA	11-2595	LEITFHGK.FK	70076	HAERLIN	O	8-807	KERN-MESSG.	40584
	II	11-229	FELDTHEORIE	18020	HAAG	FA	11-2595	LEITFHGK.FK	70076					

HAGEMAN - HAN

HAGEMAN	LA	5-1197	K-REAKTOREN	43515	HALAMA	HJ	10- 784	BESCHLEUNIG	41020	HALZEN	F	10- 988	STARKE WW.
HAGEMANN	G	5-2999	STRAHL.BIOL	97000	HALASZ	D	6-1408	PLASMA	57010			12-1074	STARKE WW.
		8-3033	STRAHL.BIOL	97000			4- 361	ELASTIZIT.	22520	HAM	DO	11-1591	MOLEKULE
	GB	7-1119	KERNSPEKTR.	42565	HALBERSTADT	ES	4-1848	KRISTALLE	65518	FS		3-1633	FK-SPEKTREN
	U	8-1167	KERNSPEKTR.	42565	HALBERT	EC	11- 989	KERNSTRUKT.	42070			3-2674	GRENZFL.FK
HAGEMARK	K	4-1741	GASE	58020			11-1030	KERNSPEKTR.	42540			9-2437	FK-SPEKTREN
HAGEN	CR	1- 889	STARKE WW.	41750			11-1060	KERNSPEKTR.	42545		NS	10-1931	KRISTALLE
		3- 209	QU.FELDTHEO	17040			12-1167	KERNSTRUKT.	42070		RK	2-1598	FLUESSIGK.
		4- 277	QU.FELDTHEO	17025		ML	2-1075	KERNREAKTIO	43075		F	7-1991	MECH.EIG.FK
		5- 213	QU.FELDTHEO	17025			6-1099	KERNREAKTIO	43085	HAMADA	S	8-1525	POLYMERE
		8- 274	QU.FELDTHEO	17040			6-1100	KERNREAKTIO	43085		T	7-1614	PLASMA
	G	8-1395	MOLEKUELE	52514			12- 948	ELEMENTART.	41560			1- 723	KERN-MESSG.
	JP	9- 485	MASER,LASER	28020	HALBLEIB	JA	8- 765	KERN-MESSG.	40525	HAMABUCHI	C	8- 313	STATISTIK
	M	11-1058	KERNSPEKTR.	42545	HALBWACHS	F	1- 771	ELEMENTART.	41510		Y	1-2354	HALBLEITER
	WF	4- 413	HYDRODYNAM.	23040	HALCHIN	W			57263			2-2134	MAGN.EIG.FK
	OF	7- 787	KERN-MESSG.	40542	HALDEN	FA			12525			3-1994	THERMEIG.FK
HAGENAH	WD	5- 594	MASER,LASER	28060	HALDER	CH			58573	HAMAKAWA	Y	1-2524	OPT.EIG.FK
HAGENE	B	11-2982	FK-SPEKTREN	73370		NC	5-1737	FLUESSIGK.	58520			5-2630	OPT.EIG.FK
HAGENLOCKER	EE	7-1856	KRISTALLE	65588			6-1640	FLUESSIGK.	58520			10-2694	OPT.EIG.FK
HAGENMULLER	P	7-1859	KRISTALLE	65588			9-1640	FLUESSIGK.	58520	HAMAKER	RW	10-2695	OPT.EIG.FK
		8-1918	KRISTALLE	65588	HALE	A	2-2644	GRENZFL.FK	74520	HAMAL	K	11-1976	KRISTALLE
		8-2217	MAGN.EIG.FK	69065		B	12-1009	STARKE WW.	41725			11- 450	MASER,LASER
HAGER	D	2-1235	MOLEKUELE	52514		GC	9-1156	KERNSTRUKT.	44033			11-1779	PLASMA
HAGER JR.	NE	6- 305	WAERME	24060	HALFORD	JD	12-1348	KERNREAKTIO	43048			11-1797	PLASMA
HAGERTY	P	12-1055	STARKE WW.	41755	HALIM	K	6-2040	MECH.EIG.FK	66545	HAMAMOTO	AS	11-1882	FLUESSIGK.
HAGFORS	T	4- 750	PHYS.OPTIK	29043	HALL	DE	5- 480	ELEKTRODYN.	26540		I	10-1076	KERNSPEKTR.
		10-3016	PLANETEN	93640			10- 499	ELEKTRODYN.	26540		S	11- 983	KERNSTRUKT.
HAGG	EL	3-2824	IONOSPHAERE	91045		DNB	6-2807	LUFTHUELLE	90860			8- 845	ELEMENTART.
		4-2758	IONOSPHAERE	91045		EO	11-2058	KRISTALLE	65588	HAMANN	C	2-2314	HALBLEITER
HAGGERTY	JS	9-1662	FLUESSIGK.	58530			11-2059	KRISTALLE	65588			8-1843	KRISTALLE
	MJ	3-1334	PLASMA	57026		G	11-1872	FLUESSIGK.	58510		DR	1-2165	LEITFHKG.FK
		8-1575	PLASMA	57026		GE	4- 477	WAERME	24070			7-2076	THERMEIG.FK
HAGIWARA	S	2-1408	PLASMA	57093		GL	6-2273	MAGN.EIG.FK	69060	HAMANO	SD	2-1571	FLUESSIGK.
	T	3-2708	ERDKOERPER	90240		I	1-1115	KERNSPEKTR.	42560	HAMANO	Y	11-3219	ERDKOERPER
HAGLAND	L	2-1254	MOLEKUELE	52524		JA	6- 293	WAERME	24010	HAMBERGER	SM	2-1443	PLASMA
HAGOORT	J	12-1860	PLASMA	57216		JE	7-2776	IONOSPHAERE	91040	HAMBLETON	FH	5-2747	GRENZFL.FK
HAGOPIAN	AKE	12-1537	ATOME	52060		JH	1-2585	KRIST.FEHL.	66079	HAMBOURGER	PD	3-2379	HALBLEITER
HAGSTON	WE	9-2434	FK-SPEKTREN	73330		JJ	4-1968	MECH.EIG.FK	66514			11- 364	ELEKTIZIT.
HAGSTROEM	SBM	4-1458	MOLEKUELE	52510		JL	4-1343	ATOME	52010	HAMBURGER	EW	2-1073	KERNREAKTIO
HAGSTRUM	HD	2-2448	FK-SPEKTREN	73300			11-1470	ATOME	52075			4-1248	KERNREAKTIO
HAHN	B	2-1043	KERNREAKTIO	43050		JT	5-1397	MOLEKUELE	52536			6-1072	KERNREAKTIO
		8- 778	KERN-MESSG.	40550		KR	4- 138	LABORTECHN.	12530			11-1093	KERNSPEKTR.
		10- 765	KERN-MESSG.	40510		LA	1-2729	LUFTHUELLE	90820			11-1314	KERNREAKTIO
CEW		11-2912	FK-SPEKTREN	73355		LC	3-2524	FK-SPEKTREN	73330			12-1366	KERNREAKTIO
	D	5-2640	OPT.EIG.FK	73635		LS	5-1570	PLASMA	57055	HAMEKA	HF	2-2162	MAGN.EIG.FK
		5-2644	OPT.EIG.FK	73620			9-1474	PLASMA	57055			3-1528	GASE
	EL	3-2325	SUPRALEITO.	70550		MB	3- 13	BIOGRAPHIEN	10220			4-1453	MOLEKUELE
		6-1717	FLUESSIGK.	58560			9- 466	HF-TECHNIK	27530			5-1732	GASE
		12-3046	FK-SPEKTREN	73370		MPH	10- 439	WAERME	24070			6-1260	MOLEKUELE
GT		3-1798	KRIST.FEHL.	66035		PG	2-2667	GRENZFL.FK	74535			6-1267	MOLEKUELE
H		1- 760	BESCHLEUNIG	41020		PH	2-2608	DUENNE SCHI	74040			7-1286	ATOME
		10- 784	BESCHLEUNIG	41020			6-2659	DUENNE SCHI	74040			7-1384	MOLEKUELE
		12-2413	THERMEIG.FK	67500		R	9-2300	HALBLEITER	71540	HAMEL	G	3- 36	BUECHER
	RL	2-1076	KERNREAKTIO	43075			9-2301	HALBLEITER	71540		JL	1- 861	STARKE WW.
		2-1077	KERNREAKTIO	43075			11-1604	MOLEKUELE	52580			3- 846	STARKE WW.
		6- 981	KERNSPEKTR.	42565		RB	1-1866	KRIST.FEHL.	66020			5- 972	STARKE WW.
		11-1157	KERNSPEKTR.	42575		RL	4- 308	STATISTIK	17563			12-1002	STARKE WW.
S		8- 492	ELEKTIZIT.	26014			9- 222	STATISTIK	17566	HAMERSMA	R	3-2150	MAGN.EIG.FK
Y		2- 140	QUANTENTHEO	16585		RT	6- 480	OPT.INSTRUM	28545	HAMILTON	DC	1-2163	LEITFHKG.FK
		4-1415	ATOME	52070			6-1291	MOLEKUELE	52536		DJ	9-1590	GASENTLADG.
		7-1349	ATOME	52070		TA	7- 636	PLASMA	57210		GW	3-1444	PLASMA
		10-1437	ATOME	52065		WF	2-1336	POLYMERE	53542		JD	10-1898	DISP.SYST.
		12-1301	KERNREAKTIO	43005			9-2695	GRENZFL.FK	74560		JF	2- 430	TEILCH.OPT.
YH		5-1517	PLASMA	57093		WJ	8-1258	K-REAKTOREN	43515			2- 539	OPT.INSTRUM
		8-1429	MOLEKUELE	52536			11-1372	KERNSTRUKT.	44010		JH	1-1094	KERNSPEKTR.
HAHNE	FJW	5-1112	KERNREAKTIO	43010	HALLER	E	6- 547	KERN-MESSG.	45055			5-1083	KERNSPEKTR.
		8-1185	KERNREAKTIO	43010		R	1-1563	PLASMA	57045			7-1045	KERNSPEKTR.
	H	7- 728	PHYS.OPTIK	29083	HALLETT	ACH	4-2072	DIELEKTRIKA	68020			7-1117	KERNSPEKTR.
HAHNEMANN	HW	12- 483	WAERME	24060	HALLEY	JW	12-1950	FLUESSIGK.	58525			8-1165	KERNSPEKTR.
HAIDEMENAKIS	E.D.				HALLGREN	EL	6-2925	STERNE	94040			11-1136	KERNSPEKTR.
		1-2529	OPT.EIG.FK	73610	HALLIDAY	IG	5- 858	STARKE WW.	41700			12-1272	KERNSPEKTR.
HAIGH	JGB	1-1088	KERNSPEKTR.	42550			5- 859	STARKE WW.	41700		PA	8-2989	KOSM.PHYSIK
		12-1125	KERNSPEKTR.	42545			7- 841	ELEMENTART.	41540			11-3445	KOSM.PHYSIK
HAIGHT	CH	1- 374	HYDRODYNAM.	23060	HALLING	MO	2-1590	FLUESSIGK.	58570		PB	4- 687	OPT.INSTRUM
HAIMERL	F	11-1643	POLYMERE	53546			7-1739	FLUESSIGK.	58550		WC	7-1823	KRISTALLE
HAIMOVICI	D	1-2135	MAGN.EIG.FK	69040			10-1852	FLUESSIGK.	58550		WD	7- 735	KERN-MESSG.
HAIMSON	J	9- 717	BESCHLEUNIG	41030	HALLORAN	JJ	5-2332	LEITFHKG.FK	70024			11- 594	KERN-MESSG.
HAINES	KA	2- 516	OPT.INSTRUM	28530	HALMANN	M	2-1286	MOLEKUELE	52560			12-1285	KERNSPEKTR.
	RJ	12- 125	LABORTECHN.	12550			12-1661	MOLEKUELE	52560		WO	12-1286	KERNSPEKTR.
HAINS	FD	7- 337	HYDRODYNAM.	23050	HALPERIN	A	9-2403	FK-SPEKTREN	73325	HAMM	RN	11-2598	LEITFHKG.FK
HAINSWORTH	FN	8-2138	DIELEKTRIKA	68030		BI	1-2248	LEITFHKG.FK	70074	HAMMACK	TJ	11-1636	POLYMERE
HAIR	NL	9-1682	FLUESSIGK.	58546			7-2155	MAGN.EIG.FK	69060	HAMMAD	P	8- 298	STATISTIK
HAISMA	J	1- 589	MASER,LASER	28055			9-2135	MAGN.EIG.FK	69050	HAMMANN	J	10-2231	MAGN.EIG.FK
HAISSINSKI	J	6- 711	ELEMENTART.	41563	HALPERN	FR	1- 179	QUANTENTHEO	16575		T	4-1048	KERNSTRUKT.
		7- 830	BESCHLEUNIG	41020		I	6-1112	KERNREAKTIO	43092		C	9-2291	HALBLEITER
HAISSINSKY	M	9- 45	BUECHER	11030		J	1- 825	ELEMENTART.	41566	HAMMAR	EF	3- 18	BIOGRAPHIEN
HAISTY	RW	12- 504	ELEKTIZIT.	26010			1-2463	FK-SPEKTREN	73325	HAMMEL		3-2344	SUPRALEITO.
HAIT	PW	4- 170	VAKUUM	13030			2-2527	OPT.EIG.FK	73610		JJ	1-1807	KRISTALLE
HAIT7	RH	2-2409	HALBLEITER	71590			2- 788	STARKE WW.	41725	HAMMER	CL	1- 193	QUANTENTHEO
HAJDA	J	6- 441	OPT.INSTRUM	28520			3-2193	LEITFHKG.FK	70028		JM	9- 710	BESCHLEUNIG
HAI SNEIKH	A	1- 423	WAERME	24050			4- 997	STARKE WW.	41764			1-2338	OPT.EIG.FK
HAIJCEK	P	2-1962	DIELEKTRIKA	68020			5-2627	OPT.EIG.FK	73610			8-1699	GASENTLADG.
		3-2001	DIELEKTRIKA	68000		L	9- 728	ELEMENTART.	41535		B	5-2583	OPT.EIG.FK
		8-2035	MECH.EIG.FK	66514		MB	1- 890	STARKE WW.	41750	HAMMERLING	P	11- 436	MASER,LASER
HAJIMOTO	Y	12-3088	FK-SPEKTREN	73375			2- 694	ELEMENTART.	41520	HAMMES	GG	12-1997	FLUESSIGK.
HAKALA	RW	4- 483	THERMODYN.	24510			3- 760	ELEMENTART.	41574	HAMMITT	AG	10- 112	LABORTECHN.
HAKE	RR	1-2278	SUPRALEITO.	70520			4- 855	ELEMENTART.	41510		FG	2- 254	HYDRODYNAM.
		9-2213	SUPRALEITO.	70520			6- 633	ELEMENTART.	41540	HAMMOND	DP	12- 165	VAKUUM
		11-2580	LEITFHKG.FK	70065			7- 186	QU.FELDTHEO	17010		JA	11- 244	MECHANIK
HAKEN	N	1- 147	QUANTENTHEO	16526			8- 245	QU.FELDTHEO	17000		WE	12- 508	ELEKTIZIT.
		1- 568	MASER,LASER	28050			10- 960	STARKE WW.	41755	HAMMOND III	HK	12- 555	TEILCH.OPT.
		2- 461	MASER,LASER	28035			12- 242	QUANTENTHEO	16578	HAMDOUA	I	9-1019	KERNREAKTIO
		8- 567	MASER,LASER	28035		O	6- 521	PHYS.OPTIK	29050			12-1344	KERNREAKTIO
		8-2565	FK-SPEKTREN	73380			6-1203	ATOME	52030	HAMOUI	A	6- 216	FELDTHEORIE
		9- 479	MASER,LASER	28000			6-2217	MAGN.EIG.FK	69010	HAMPRECHT</			

MY	12-1112	STARKE WW.	41764	HANSEN	P	2-2086	MAGN.EIG.FK	69030	HARDY	JA	4- 796	KERN-MESSG.	40520	
R	10-2058	KRIST.FEHL.	66065		RC	4- 584	HF-TECHNIK	27550			6- 47	MESSEN	12240	
JE	6-1937	KRIST.FEHL.	66035		RS	11-3167	GRENZFL.FK	74535			10-1961	KRISTALLE	65572	
JJ	12-3157	DUENNE SCHI	74010		UP	8-3041	STRAHL.BIOL	97000		JC	1-1178	KERNREAKTIO	43014	
E	1-2438	FK-SPEKTREN	73300			9-3042	STRAHL.BIOL	97000			6- 888	KERNSTRUKT.	42070	
	3-2195	LEITFHGK.FK	70022		WN	3-2550	OPT.EIG.FK	73610		JR	3-1743	KRIST.FEHL.	66015	
	3-2196	LEITFHGK.FK	70022			11- 557	PHYS.OPTIK	29060			3-2535	FK-SPEKTREN	73340	
JP	6- 323	ELEKTIZIT.	26010	HANSLER	RL	10- 706	PHYS.OPTIK	29060			10-2018	KRIST.FEHL.	66015	
PC	3- 692	KERN-MESSG.	40538	HANSON	AO	4-1203	KERNREAKTIO	43028			12-2378	GITTERDYN.	67010	
HV	7- 364	AKUSTIK	23570			5- 830	ELEMENTART.	41572		LM	12-1000	STARKE WW.	41725	
R	10-1363	KERNSTRHLG.	44000			10- 814	BESCHLEUNIG	41040			12-1001	STARKE WW.	41725	
R	3- 396	ELEKTIZIT.	26030		DG	11-1823	GASENTLADG.	57840		SC	12-2093	KRISTALLE	65510	
CW	1- 612	OPT.INSTRUM	28516		HG	9-1388	MOLEKUELE	52585		WN	6-1814	KRISTALLE	65545	
L	11- 729	ELEMENTART.	41560		HM	5-1387	MOLEKUELE	52530			7-1451	MOLEKUELE	52560	
LN	5- 965	STARKE WW.	41764		HP	10-1589	MOLEKUELE	52580	HARGITAI	C	10-2310	MAGN.EIG.FK	69060	
	8- 903	ELEMENTART.	41574		K	5-1127	KERNREAKTIO	43032			5-2847	IONOSPHAERE	91050	
	11- 812	STARKE WW.	41735			12- 972	ELEMENTART.	41578	HARGREAVES	JK	5-2848	IONOSPHAERE	91050	
PH	10-2489	HALBLEITER	71566		MM	11-3084	DUENNE SCHI	74030			12-3363	IONOSPHAERE	91050	
J.						11-3105	DUENNE SCHI	74050			4-1378	ATOME	52050	
	10-2293	MAGN.EIG.FK	69040		RC	2-1903	GITTERDYN.	67060	HARGROVE	CK	1- 409	AKUSTIK	23570	
	10-2317	MAGN.EIG.FK	69060		WB	5-2819	LUFTHUELLE	90820		LE	2- 319	AKUSTIK	23560	
	3- 854	STARKE WW.	41764			10-2917	IONOSPHAERE	91020			12- 472	AKUSTIK	23570	
	11- 797	STARKE WW.	41725	HANSROUL	WG	11- 587	KERN-MESSG.	40518	HARIDASAN	TM	4-2459	FK-SPEKTREN	73330	
	10- 196	QUANTENTHEO	16533		M	11- 896	STARKE WW.	41773		G	3- 764	ELEMENTART.	41574	
	12- 231	QUANTENTHEO	16572		MJ	11- 895	STARKE WW.	41770	HARIGEL		7- 792	KERN-MESSG.	40555	
	12-1456	KERNSTRHLG.	44037	HANSS		6- 324	ELEKTIZIT.	26012			8- 793	KERN-MESSG.	40555	
J	2-1973	DIELEKTRIKA	68030			11-1629	POLYMERE	53544	HARIHARAN	PC	9-1266	MOLEKUELE	52512	
	11-2578	HALBLEITER	71530	HANSSON	B	9-1876	KRIST.FEHL.	66035	HARKCOM	JK	7-2300	METAL.LEITG	71010	
J	2-1339	POLYMERE	53544	HANST	PL	11- 461	MASER,LASER	28055	HARKER		9-2165	KRISTALLE	65545	
GS	3-1122	ATOME	52010	HANTEL	JP	7-1972	MECH.EIG.FK	66514		H	4-2119	FK-SPEKTREN	73355	
	11-1396	ATOME	52010	HANTON	M	6-2248	MAGN.EIG.FK	69035			5-2199	FK-SPEKTREN	73355	
P	1-1984	THERMEIG.FK	67510	HANTZSCHE	E	10-1764	GASENTLADG.	57870			7-2193	LEITFHGK.FK	70010	
	1-2524	OPT.EIG.FK	73610			11-1680	PLASMA	57030		K	6-2327	LEITFHGK.FK	70056	
	5-1410	MOLEKUELE	52562	HANUISE	G	12-1653	POLYMERE	53550		KJ	12-1816	PLASMA	57085	
	5-2630	OPT.EIG.FK	73610	HANUS	J	1-2512	FK-SPEKTREN	73380		YD	1-1999	THERMEIG.FK	67550	
	10-2694	OPT.EIG.FK	73610			3-1252	MOLEKUELE	52560	HARKNESS	SD	5-1856	KRISTALLE	65518	
	10-2695	OPT.EIG.FK	73610			3-2202	LEITFHGK.FK	70024	HARLAN	RA	3- 971	KERN-SPEKTR.	42565	
	11-2273	DIELEKTRIKA	68020			5- 549	MASER,LASER	28040			11-1126	KERN-SPEKTR.	42565	
R	5- 752	KERN-MESSG.	40560			11-2541	LEITFHGK.FK	70024	HARLAND	WB	4-2668	ERDKOERPER	90260	
	6- 787	STARKE WW.	41740		W	12- 204	QUANTENTHEO	16526	HARLOW	FB	1- 387	HYDRODYNAM.	23070	
TH	5-1184	KERNREAKTIO	43092	HAPASE	MO	4- 497	THERMODYN.	24540			4- 379	HYDRODYNAM.	23000	
	6- 981	KERN-SPEKTR.	42565	HAPKE	B	7-2880	PLANETEN	93640			9- 311	HYDRODYNAM.	23040	
	11-3380	PLANETEN	93612		BW	10-3012	PLANETEN	93640		RG	4-1748	GASE	58030	
D	3-2665	GRENZFL.FK	74520	HAPPER	W	2-1179	ATOME	52045		B	9- 349	AKUSTIK	23530	
	12-2741	HALBLEITER	71580			5-1296	ATOME	52075	HARM		7- 562	MASER,LASER	28055	
Y	3-2617	DUENNE SCHI	74010			9-1182	ATOME	52027	HARMAN	TC	8-2377	HALBLEITER	71520	
	5-2725	DUENNE SCHI	74040	HAQUE	MM	6- 818	STARKE WW.	41764	HARMER	DS	11-3374	SONNENPHYS.	93340	
N	7-1171	KERNREAKTIO	43040	HARA	E	9- 681	KERN-MESSG.	40584			12- 778	KERN-MESSG.	40512	
M	7-2622	KRISTALLE	65578			11-1389	KERNSTRHLG.	44033		PR	7- 607	OPT.INSTRUM	28523	
K	3-1804	KRIST.FEHL.	66035		EH	8-1830	DISP.SYST.	59540		GS	2-1492	GASENTLADG.	57880	
	11- 313	HYDRODYNAM.	23050			12-1934	GASE	58060		JF	12-2024	FLUESSIGK.	58557	
E	10-2742	DUENNE SCHI	74000		K	8-1069	KERNSTRUKT.	42020	HARMS	U	9- 933	KERN-SPEKTR.	42540	
RB	8- 535	TEILCH.OPT.	27062			8-2661	DUENNE SCHI	74050	HARMS TER	H	4-1800	FLUESSIGK.	58555	
R	2- 331	WAERME	24040			10-1023	KERNSTRUKT.	42020	HARMSSEN	DM	5- 991	STARKE WW.	41790	
W	6- 42	BUECHER	11020			12-3186	DUENNE SCHI	74020			8-1051	STARKE WW.	41790	
	7-2669	GRENZFL.FK	74570		O	1- 166	QUANTENTHEO	16533	HARMSWORTH	BJ	2-2669	GRENZFL.FK	74535	
	8- 807	KERN-MESSG.	40584			12- 911	ELEMENTART.	41520	HARNAD	J	9-2556	OPT.EIG.FK	73610	
PR	10- 793	BESCHLEUNIG	41020		T	3-1317	POLYMERE	53544	HARDOULES	EG	3- 346	WAERME	24020	
JS	11- 987	KERNSTRUKT.	42070			8-1523	POLYMERE	53535	HARP	EJ	11-1913	FLUESSIGK.	58540	
SS	1-1064	KERN-SPEKTR.	42545			8-1610	PLASMA	57053		GD	8-1182	KERNREAKTIO	43008	
	2- 958	KERN-SPEKTR.	42545		Y	2- 703	ELEMENTART.	41540		RS	2-1345	PLASMA	57085	
	3-1051	KERNREAKTIO	43054			2- 859	STARKE WW.	41755			5-1547	PLASMA	57070	
	6-1073	KERNREAKTIO	43056			7- 850	ELEMENTART.	41546			7-1588	PLASMA	57090	
	12-1200	KERN-SPEKTR.	42540			4-1049	KERNSTRUKT.	42045	HARPE	JP	7-1660	GASE	58025	
CD	3- 445	HF-TECHNIK	27530	HARACZ	RD	11- 935	KERNSTRUKT.	42010	HARPER	DW	12- 658	OPT.INSTRUM	28500	
L	1- 464	ELEKTIZIT.	26016			2-2492	FK-SPEKTREN	73330		H	2-2104	MAGN.EIG.FK	69035	
AHM	1-1249	KERNREAKTIO	43066	HARADA	H	1-1963	GITTERDYN.	67020			7-2142	MAGN.EIG.FK	69035	
NB	3-1278	KRIST.FEHL.	66010		J	12-1191	KERN-SPEKTR.	42520	JD	11- 488	OPT.INSTRUM	28513		
RE	3-1617	KRISTALLE	65512		K	12-1386	KERNREAKTIO	43075	PG	2-2186	LEITFHGK.FK	70020		
	4-2501	FK-SPEKTREN	73395		Y	5-1006	KERNSTRUKT.	42020			3-2226	LEITFHGK.FK	70053	
H	7- 652	OPT.INSTRUM	28560		M	7- 465	TEILCH.OPT.	27030		RG	8-1261	K-REAKTIOREN	43515	
	8- 662	OPT.INSTRUM	28570			9-1283	MOLEKUELE	52514	HARRA	DJ	7-2641	GRENZFL.FK	74535	
	6-1759	FLUESSIGK.	58573	HARANADH	C	2-1964	DIELEKTRIKA	68020	HARRACH	R	12- 598	MASER,LASER	28040	
DM	7-2469	FK-SPEKTREN	73355	HARANG	L	9-2739	GEOMAGNET.	90470	HARRISON	EB	12-1940	FLUESSIGK.	58510	
H	9- 193	QU.FELDTHEO	17025		OE	2-2753	LUFTHUELLE	90830	HARRER	JM	12- 885	KERN-MESSG.	40584	
RJ	1- 331	HYDRODYNAM.	23020	HARAR	S	10-1043	KERNSTRUKT.	42070	HARRIES	JR	6-2958	KOSM.PHYSIK	94540	
TJ	11- 324	HYDRODYNAM.	23070			10-1127	KERN-SPEKTR.	42555		JE	1-1459	MOLEKUELE	52516	
	1-2827	KOSM.PHYSIK	94500			10-1296	KERNREAKTIO	43070			2-1170	ATOME	52065	
AE	7-1452	MOLEKUELE	52560			10-1303	KERNREAKTIO	43075			3- 134	QUANTENTHEO	16526	
CJ	4-2861	STERNE	94060		HARARI	H	2- 728	ELEMENTART.	41563			5-1344	MOLEKUELE	52510
DJ	3-1313	POLYMERE	53542			4- 976	STARKE WW.	41753			11- 214	STATISTIK	17563	
DO	6-1218	ATOME	52065			8- 952	STARKE WW.	41725	HARRINGTON	DR	1- 874	STARKE WW.	41740	
G	2- 612	PHYS.OPTIK	29073	HARASAWA	S	4-2592	DUENNE SCHI	74050		HW	3-1237	MOLEKUELE	52530	
BE	9-1107	K-REAKTIOREN	43515	HARBEKE	G	1-2205	LEITFHGK.FK	70053		RE	2-1931	THERMEIG.FK	67520	
HH	6- 942	KERN-SPEKTR.	42550	HARBERT	F	11-3487	HOEREN	96310		TM	9-2826	ASTROPHYSIK	93020	
J	2- 651	KERN-MESSG.	40542	HARBISON	SA	7-1004	KERNSTRUKT.	42010	HARRIS	AB	1-2161	LEITFHGK.FK	70020	
JD	1- 954	STARKE WW.	41764			10-1016	KERNSTRUKT.	42010			2-2078	MAGN.EIG.FK	69025	
	7- 991	STARKE WW.	41775			8-1220	KERNREAKTIO	43056			6-2240	MAGN.EIG.FK	69030	
	11- 809	STARKE WW.	41730			11- 495	OPT.INSTRUM	28530		AK	11-2256	THERMEIG.FK	67550	
JE	8-2878	PLANETEN	93612			11-1092	KERN-SPEKTR.	42555			7-2767	IONOSPHAERE	91020	
JP	8-2069	GITTERDYN.	67010	HARCASTLE	RA	4-1626	PLASMA	57020		CK	1-2748	LUFTHUELLE	90880	
JW	1- 532	HF-TECHNIK	27540	HARDEE	HC	9- 381	WAERME	24050		CL	8- 352	MECHANIK	22050	
K	8-2741	KOSM.STRLG.	90646	HARDELL	R	4- 813	KERN-MESSG.	40540		CM	12-1928	GASE	58030	
KF	10-1339	K-REAKTIOREN	43515	HARDEMAN	GEG	3-2055	FK-SPEKTREN	73375		DE	9-2984	KOSM.PHYSIK	94550	
	10-1339	KERNSTRHLG.	44010			12-2143	KRISTALLE	65545		DK	11- 106	QUANTENTHEO	16530	
KH	4- 203	QUANTENTHEO	16530			5-3000	STRAHL.BIOL	97000		DR	11-1351	K-REAKTIOREN	43510	
LF	1-1262	KERNREAKTIO	43080			11- 603	KERN-MESSG.	40538		EG	11-1766	PLASMA	57070	
	2-1049	KERNREAKTIO	43054			12-1868	PLASMA	57250		EP	8-2331	SUPRALEITG.	70530	
LK	3- 82	LABORTECHN.	12580	HARDER	D	7-1980	MECH.EIG.FK	66514		FE	2- 91	QUANTENTHEO	16530	
	6- 64	LABORTECHN.	12580		RL	4-1304	K-REAKTIOREN	43515			2- 110	QUANTENTHEO	16533	
N	9-2686	GRENZFL.FK	74535	HARDIE	D	7-19								

HARRIS	JE	11-3077	DUENNE SCHI	74020	HARTMANN	F	5- 532	MASER, LASER	28020	HASHIZUME	H	3-1963	GITTERDYN.	4
	JH	5- 468	ELEKTRODYN.	26500		G	4- 66	BUECHER	11010		K	1-2565	FK-SPEKTREN	7
		11-1653	PLASMA	57010		GC	11- 725	ELEMENTART.	41550			1-2566	OPT.EIG.FK	7
	JL	1- 645	OPT.INSTRUM	28570		H	7-1419	MOLEKUELE	52536	HASHMI	M	3-1449	PLASMA	1
		4- 693	OPT.INSTRUM	28570			8- 585	MASER, LASER	28045	HASIGUTI	RR	9-1881	KRIST.FEHL.	2
	KK	7-2782	IONOSPHERE	91020			9-1628	FLUESSIGK.	58562	HASLETT	RWB	4- 453	AKUSTIK	2
	LA	12-3270	GRENZFL.FK	74576			12-1628	MOLEKUELE	52538	HASS	G	4-2593	DUENNE SCHI	7
		12-3271	GRENZFL.FK	74576		P	11-3201	GRENZFL.FK	74570			7- 704	PHYS.OPTIK	2
	LB	12-3233	GRENZFL.FK	74530		R	3- 916	KERN-SPEKTR.	42540			5-2585	FK-SPEKTREN	7
	MJ	11- 636	KERN-MESSG.	40584		SR	6-2196	FK-SPEKTREN	73355		M	8-2497	FK-SPEKTREN	7
	PG	6-2878	PLANETEN	93600			10-2679	FK-SPEKTREN	73380	HASSAN	HA	1-1608	PLASMA	1
		7-2684	ERDKOERPER	90210		W	6- 3	BIOGRAPHIEN	10212			11-1684	PLASMA	1
	R	8-1471	MOLEKUELE	52575			12-2299	KRIST.FEHL.	66076		MYM	12-1161	KERNSTRUKT.	4
	RA	3-1318	POLYMERE	53546		WK	8-2871	PLANETEN	93610	HASSE	RW	7-1238	KERNREAKTIO	4
		9-1249	MOLEKUELE	52510		WM	4-2450	FK-SPEKTREN	73330	HASSELBACH	F	7- 489	TEILCH.OPT.	2
		9-1250	MOLEKUELE	52510	HARTMANN					HASSELGREN	A	4- 813	KERN-MESSG.	4
		9-1421	POLYMERE	53546	BOUTRON F.		4-1866	FK-SPEKTREN	73310			2- 959	KERN-SPEKTR.	4
	RE	2-2692	GRENZFL.FK	74530			10-2536	FK-SPEKTREN	73310	HASELL	CL	9-1354	MOLEKUELE	4
	RW	10-1742	PLASMA	57260			11-2008	KRISTALLE	65545	HASSELLMANN	D	4- 924	ELEMENTART.	2
	S	5-1697	GASE	58010			11-2824	FK-SPEKTREN	73310		K	9- 321	HYDRODYNAM.	2
	SE	2- 464	MASER, LASER	28035		R	2-2065	MAGN.EIG.FK	69000	HASSETLINE	EH	6-2694	GRENZFL.FK	4
	SM	5-1890	FK-SPEKTREN	73310	HARTNAGEL	HL	9-2293	HALBLEITER	71540	HASSENZAHN	WV	3- 742	ELEMENTART.	4
HARRIS JR.	FS	11- 546	PHYS.OPTIK	29045	HARTNETT	JP	2- 339	WAERME	24060	HASTED	JB	7-2773	IONOSPHERE	9
	RJ	9-1171	ATOME	52022	HARTOG DEN HP		4-1920	KRIST.FEHL.	66030			7-2774	IONOSPHERE	9
HARRISON	AG	12-1686	MOLEKUELE	52575			8-1946	KRIST.FEHL.	66030			9-1156	KERNSTRHLG.	4
	CGA	6-2757	GEOMAGNET.	90430			9-2476	FK-SPEKTREN	73355	HASTIE	JW	12-1551	ATOME	5
	DH	7- 631	OPT.INSTRUM	28540			11-2094	KRIST.FEHL.	66030			6-1335	MOLEKUELE	5
	ER	3-2917	KOSM.PHYSIK	94583			8-1670	PLASMA	57235			12-1576	ATOME	5
		7-2946	KOSM.PHYSIK	94586	HARTUNG	J	7- 824	BESCHLEUNIG	41010		RJ	11-1725	PLASMA	5
		10-3121	KOSM.PHYSIK	94586		R	12- 498	THERMODYN.	24540	HASTINGS	JM	3-2146	MAGN.EIG.FK	4
		11-3463	KOSM.PHYSIK	94583			12-1126	STARKE WW.	41775			5-2274	MAGN.EIG.FK	4
	GR	5- 3	BIOGRAPHIEN	10215		RW	7- 906	STARKE WW.	41725			10-2236	MAGN.EIG.FK	4
	H	12-3402	PLANETEN	93613			9- 864	STARKE WW.	41762			11-2306	MAGN.EIG.FK	4
	JA	7-1619	GASENTLADG.	57810	HARTWELL	JW	10-2647	FK-SPEKTREN	73360		JW	6-2851	ASTROPHYSIK	9
	JF	3-1120	ATOME	52010	HARTWICK	FDA	9-2936	STERNE	94040		L	5-1990	KRIST.FEHL.	4
		7-1394	MOLEKUELE	52514			11-3407	STERNE	94040			5-1996	KRIST.FEHL.	4
	JP	2-1927	THERMEIG.FK	67520			2- 749	ELEMENTART.	41576	HASUNUMA	H	7-1946	KRIST.FEHL.	4
		9- 66	LABORTECHN.	12530	HARTWIG	G	6- 600	KERN-MESSG.	40560	HASZKO	SE	3- 558	OPT.INSTRUM	2
		11-2227	THERMEIG.FK	67510			6- 726	ELEMENTART.	41576	HATANO	M	5-2264	MAGN.EIG.FK	4
		11-2232	THERMEIG.FK	67510			12- 75	BUECHER	11010		S	3-1899	MECH.EIG.FK	4
	LG	9-1327	MOLEKUELE	52547	HARUN AR RASHID	A.M.	12-1035	STARKE WW.	41730			2- 747	ELEMENTART.	4
	LM	7- 750	KERN-MESSG.	40518			2-2455	FK-SPEKTREN	73315	HATCH	AJ	11- 751	ELEMENTART.	4
		12- 765	KERN-MESSG.	40503	HARUTA	K	8-1292	KERNSTRHLG.	44030		AM	12- 970	ELEMENTART.	4
MFA	12-1694	MOLEKUELE	52580		HARVEY	BG	3- 913	KERN-SPEKTR.	42550			1- 491	ELEKTRODYN.	2
	R	3-2819	IONOSPHERE	91020			7-1139	KERN-SPEKTR.	42575		EN	6- 976	KERN-SPEKTR.	4
RG	4- 753	PHYS.OPTIK	29045			CC	6-2848	MAGNETOSPH.	91260	HATCHER	RD	4-1913	KRIST.FEHL.	4
RH	5-1714	GASE	58040			IK	5- 515	HF-TECHNIK	27540	HATEGAN	C	5-1151	KERNREAKTIO	4
	RJ	2-2080	MAGN.EIG.FK	69025		JW	2-1092	KERNREAKTIO	43092	HATFIELD	LL	10-1735	PLASMA	5
		6-1639	FLUESSIGK.	58520		KB	7-2447	FK-SPEKTREN	73330	HATHAWAY	CE	2-1243	MOLEKUELE	4
		6-1734	FLUESSIGK.	58565		M	3- 938	KERN-SPEKTR.	42545			12-2936	FK-SPEKTREN	7
	RP	9-2208	LEITFHOK.FK	70074			12-1171	KERNSTRUKT.	42070	HATHCOX	KL	10-2361	LEITFHOK.FK	2
	WA	10-2086	MECH.EIG.FK	66518		ME	7- 68	LABORTECHN.	12520	HATSOPPOULOS	GM	6- 315	THERMODYN.	2
		7-2189	LEITFHOK.FK	70010		PJ	4-1906	KRIST.FEHL.	66020	HATT	WA	12-3397	SONNENPHYS.	5
		9-1634	FLUESSIGK.	58520		RD	6-2123	THERMEIG.FK	67530	HATTA	Y	1-1660	PLASMA	5
	WD	4-1270	KERNREAKTIO	43075		RR	5-1124	KERNREAKTIO	43026			2-1812	KRIST.FEHL.	4
	WJ	3- 650	PHYS.OPTIK	29073		CN	9-1340	MOLEKUELE	52560			4-1677	PLASMA	5
HARRISON JR. D.E.		5-1989	KRIST.FEHL.	66062	HARWARD		4-2342	HALBLEITER	71540	HATTERSLEY	PM	11-1721	PLASMA	5
HARRISSON	AG	12-1692	MOLEKUELE	52575	HARWIT	M	8-1063	KERNSTRUKT.	42010			12-1824	PLASMA	5
HARROD	JF	3- 104	VAKUUM	13030	HARWOOD	VJ	8-1067	KERNSTRUKT.	42010	HATTORI	C	11- 916	STARKE WW.	4
HARROD	B	1-1857	KRISTALLE	65584	HASAI	H	8-1583	PLASMA	57030			12-1005	STARKE WW.	4
HARROP	PH	11-2276	DIELEKTRIKA	68020	HASAN	MZ	8-1584	PLASMA	57030			2-1348	PLASMA	5
	PJ	1-2018	DIELEKTRIKA	68020		SB	6-1726	FLUESSIGK.	58560	HATTORI	H	4-1960	KRIST.FEHL.	4
HARRY	JE	10- 541	HF-TECHNIK	27540		H	3-1602	FLUESSIGK.	58573			8- 827	BESCHLEUNIG	4
HARSHA	KSS	12-2266	KRIST.FEHL.	66035	HASCHKE	H	8-1822	FLUESSIGK.	58576		S	4- 657	OPT.INSTRUM	2
HARSHBARGER	F	3-2793	LUFTHUELLE	90850	HASE		11-1609	MOLEKUELE	52585			7- 295	MECHANIK	2
HART	EJ	9-1384	MOLEKUELE	52580		N	3-2517	FK-SPEKTREN	73330			11- 470	MASER, LASER	2
	EW	2-1840	MECH.EIG.FK	66540		W	2-1699	KRISTALLE	65584		T	11- 498	OPT.INSTRUM	2
	JB	8- 58	UNTERRICHT	12025	HASEBE	K	5- 918	STARKE WW.	41740			2-2392	HALBLEITER	7
	JE	3-2809	LUFTHUELLE	90880	HASEGAWA	A	4-1653	PLASMA	57055			2-2493	FK-SPEKTREN	7
	M	9- 572	OPT.INSTRUM	28545			4-1685	PLASMA	57090			6-2835	IONOSPHERE	5
	PB	4-2575	DUENNE SCHI	74040			8-1113	KERN-SPEKTR.	42540			6-2836	IONOSPHERE	5
HART DAVIS A	A	11-2584	LEITFHOK.FK	70072			9-1487	PLASMA	57055	HATTULA	J	11-2685	HALBLEITER	7
HART VANDER DL		3-2046	FK-SPEKTREN	73370			10-1697	PLASMA	57055			8-1149	KERN-SPEKTR.	4
HARTE	J	1- 887	STARKE WW.	41745			11-1720	PLASMA	57055	HATZ	T	8-1149	KERN-SPEKTR.	4
		1- 943	STARKE WW.	41760			2- 177	STATISTIK	17510			3- 513	MASER, LASER	2
		2- 849	STARKE WW.	41755		H	1-2526	OPT.EIG.FK	73610			9- 517	MASER, LASER	2
		8- 235	QUANTENTHED	16582			2-2214	LEITFHOK.FK	70053			11- 455	MASER, LASER	2
		8-1005	STARKE WW.	41755			3- 494	MASER, LASER	28035	HATZPOPOULOS	G	2-2796	IONOSPHERE	5
	KJ	11-3111	DUENNE SCHI	74050			3-2621	DUENNE SCHI	74010	HAUBACH	WJ	2- 357	THERMODYN.	2
HARTECK	P	3-1263	MOLEKUELE	52575		HS	11-2566	LEITFHOK.FK	70053			8-1748	FLUESSIGK.	2
HARTER	JA	1- 736	KERN-MESSG.	40542		K	8-2724	ERDKOERPER	90240	HAUBENREISSER	W.	2-2156	MAGN.EIG.FK	4
HARTFUSS	HJ	11-1524	MOLEKUELE	52524			2-2679	GRENZFL.FK	74570	HAUBOLD	AD	7-2309	HALBLEITER	7
HARTH	EM	8- 973	STARKE WW.	41735			6-1768	DISP.SYST.	59510	HAUCK	JP	5- 403	WAERME	2
	W	2- 414	TEILCH.OPT.	27016		M	11-3174	GRENZFL.FK	74535		RH	12-3333	LUFTHUELLE	5
		7- 459	TEILCH.OPT.	27016		S	3-1624	KRISTALLE	65518	HAUG	H	1- 568	MASER, LASER	2
HARTILL	D	1- 884	STARKE WW.	41745			8-1049	STARKE WW.	41783			3- 514	MASER, LASER	2
HARTING	D	12-1004	STARKE WW.	41725			11-1981	KRISTALLE	65518			6- 394	MASER, LASER	2
HARTL	K	4-1702	PLASMA	57010			12- 487	WAERME	24060		PK	11-1341	KERNREAKTIO	4
	M	8-2707	GRENZFL.FK	74570			12-3161	DUENNE SCHI	74010		R	2-1444	PLASMA	5
HARTLAND	A	9-1760	KRISTALLE	65540		T	8- 584	MASER, LASER	28040	HAUGE	EH	7- 745	KERN-MESSG.	4
		12-3047	FK-SPEKTREN	73370		Y	2- 500	MASER, LASER	28055		PS	3-1491	GASE	2
HARTLE	JB	1- 180	QUANTENTHED	16575			5- 653	OPT.INSTRUM	28595			2-2507	OPT.EIG.FK	4
		9-3000	KOSM.PHYSIK	94570			11-3219	ERDKOERPER	90210			7-2111	DIELEKTRIKA	4
		12- 264	QUANTENTHED	16588			4-2758	LUFTHUELLE	90860		R	9-1296	MOLEKUELE	5
	RE	5-1234	ATOME	52010			7-2711	GEOMAGNET.	90460			11-1543	MOLEKUELE	5
HARTLEY	H	3- 9	BIOGRAPHIEN	10218			11-1476	ATOME	52075	HAUGER	W	5- 27	TAGUNGEN	2
	JM	12-2199	KRISTALLE	65584	HASELTINE	WA	4- 154	VAKUUM	13013	HAUGHNEY	LC	9-2884	PLANETEN	5
	RH	2-1124	KERNSTRHLG.	44010	HASER	L	4- 155	VAKUUM	13013	HAUGSJAA	PO	7-1334	ATOME	5
HARTMAN	CH	4-1623	PLASMA	57050	HASHI	T	10- 117	VAKUUM	13013		P	10-2825	GRENZFL.FK	4
		6-1561	PLASMA	57279			2-2303	HALBLEITER	71500					

HAURET - HEINICKE

ITZ	G	12-757	PHYS.OPTIK	29066	HAYES	MW	4-2546	DUENNE SCHI	74010	HECKMAN	RC	1-2310	HALBLEITER	71520
	MW	11-3367	SONNENPHYS.	93320		P	8-2015	KRIST.FEHL.	66076		RW	11-1900	FLUESSIGK.	58530
	HA	4-1711	PLASMA	5723		S	7-2868	PLANETEN	93614	HECKMANN	K	5-1782	FLUESSIGK.	58546
		8-516	ELEKTRODYN.	26530		W	2-2504	OPT.EIG.FK	73610	HECKROTTE	W	9-1474	PLASMA	57055
		10-491	ELEKTRODYN.	26520			3-1784	KRIST.FEHL.	66030	HED	AZ	8-2375	HALBLEITER	71530
	CD	12-1609	MOLEKUELE	52524			8-2561	FK-SPEKTREN	73375	HEDDLE	DWO	1-1409	ATOME	52070
		12-1625	MOLEKUELE	52536		WD	12-451	HYDRODYNAM.	23060			12-1566	ATOME	52070
	H	10-2911	LUFTHUELLE	90890			12-452	HYDRODYNAM.	23060	HEDERVARI	P	4-2663	ERDKOERPER	90240
	JJ	7-2265	SUPRALEITG.	70520	HAYESS	E	9-1434	PLASMA	57020			7-2689	ERDKOERPER	90240
		7-2359	HALBLEITER	71570			9-1500	PLASMA	57080	HEDGCOCK	FT	4-2326	HALBLEITER	71520
	JR	7-1962	KRIST.FEHL.	66076			9-1501	PLASMA	57080			6-2400	METAL.LEITG.	71010
	MG	5-833	ELEMENTART.	41574	HAYGARTH	JC	5-75	LABORTECHN.	12510			8-2205	MAGN.EIG.FK	69060
	U	4-347	MECHANIK	22034			6-2055	MOLEKUELE	66545			10-2316	MAGN.EIG.FK	69060
	VE	2-2640	GRENZFL.FK	74520	HAYHURST	AN	2-1304	PLASMA	57010	HEDGECK	NE	4-2116	FK-SPEKTREN	73355
AHN	G	6-574	KERN-MESSG.	40520	HAYMAKER	RW	4-238	QUANTENTHEO	16582	HEDGES	REM	5-1394	MOLEKUELE	52560
AM	HJ	8-1212	KERNREAKTIO	43054			8-268	QU.FELDTHEO	17030	HEDIN	L	3-2477	FK-SPEKTREN	73315
	A	1-1870	KRIST.FEHL.	66025	HAYMANN	P	1-511	TEILCH.OPT.	27030	HEDRICK	CL	11-1758	PLASMA	57070
		7-2480	FK-SPEKTREN	73355			5-2706	DUENNE SCHI	74010	HEDVALL	P	2-1387	PLASMA	57070
	K	12-205	QUANTENTHEO	16530	HAYMES	RC	9-2724	GEOMAGNET.	90440			2-1393	PLASMA	57070
ER	KH	3-2039	FK-SPEKTREN	73370			10-2981	PLANETEN	93610	HEEGER	AJ	11-2966	FK-SPEKTREN	73370
		12-2018	FLUESSIGK.	58557			11-3437	KOSM.PHYSIK	94540			12-2950	FK-SPEKTREN	73355
	R	12-3076	FK-SPEKTREN	73370	HAYNES	JR	4-2360	HALBLEITER	71566	HEEK VAN	HF	10-2467	HALBLEITER	71530
UEHL	S	4-1850	KRISTALLE	65530		RF	8-2989	KOSM.PHYSIK	94550	HEER	CV	2-492	MASER,LASER	28055
		7-2126	DIELEKTRIKA	68050			11-3445	KOSM.PHYSIK	94550			6-387	MASER,LASER	28030
CLER	S	6-2090	GITTERDYN.	70404		RM	6-1337	MOLEKUELE	52575			10-552	MASER,LASER	28030
JAERVI	P	5-1226	KERNSTRHLG.	44030			6-1349	MOLEKUELE	52575	HEER DE	E	6-841	STARKE WW.	41773
T	A	4-716	PHYS.OPTIK	29015	HAYOT	SK	5-1259	ATOME	52022	FJ		4-1386	ATOME	52065
		11-515	OPT.INSTRUM	28563	HAYS	F	8-1041	STARKE WW.	41767			4-1387	ATOME	52060
MS JR.	WW	1-2471	FK-SPEKTREN	73325		DA	12-2658	LEITFHGK.FK	70056	HEERDEN VAN IJ		1-2716	KOSM.STRLG.	90630
		1-1213	KERNREAKTIO	43048		DF	9-2011	THERMEIG.FK	67520			4-1271	KERNREAKTIO	43075
FIELD	AJ	9-1028	KERNREAKTIO	43046	HAYSS	PB	4-1533	MOLEKUELE	52580			9-676	KERN-MESSG.	40580
		7-1108	KERN-SPEKTR.	42566	HAYWARD	ATJ	1-1776	FLUESSIGK.	58555	HEESCHEN	DS	4-2806	ASTROPHYSIK	93020
		11-1138	KERN-SPEKTR.	42565		DO	9-2685	GRENZFL.FK	74535	HEESE	D	3-2224	LEITFHGK.FK	70053
L	RL	12-2027	FLUESSIGK.	58557		DO	9-1005	KERNREAKTIO	43020			9-2424	FK-SPEKTREN	73330
IGA	EE	10-2364	LEITFHGK.FK	70024		WH	7-2641	GRENZFL.FK	74535	HEEZEN	BC	1-2692	ERDKOERPER	90260
CE	JF	5-1777	FLUESSIGK.	58543	HAZAMA	K	6-525	PHYS.OPTIK	29060			1-2697	GEOMAGNET.	90430
		10-1846	FLUESSIGK.	58543		K	8-729	PHYS.OPTIK	29050			4-2674	GEOMAGNET.	90430
CEK	M	5-148	QUANTENTHEO	16516		S	8-1049	STARKE WW.	41783	HEFFERLIN	R	1-1361	ATOME	52040
RD	RN	7-1705	FLUESSIGK.	58530	HAZEL	P	8-393	HYDRODYNAM.	23050	HEFFNER	H	10-2677	FK-SPEKTREN	73380
ES	JFB	12-1945	FLUESSIGK.	58520	HAZELL	AC	7-1365	ATOME	52075		R	7-1218	KERNREAKTIO	43066
		10-2299	MAGN.EIG.FK	69050	HAZEN	WE	1-2721	KOSM.STRLG.	90646	HEGEDUES	P	5-1204	K-REAKTOREN	43520
		11-2480	MAGN.EIG.FK	69060	HAZI	AU	5-1367	MOLEKUELE	52512	HEGENBARTH	E	6-2060	THERMEIG.FK	67553
	N	9-545	OPT.INSTRUM	28500			10-1495	MOLEKUELE	52510			12-2368	MECH.EIG.FK	66553
	PW	2-403	TEILCH.OPT.	27010	HAZONY	Y	8-2450	FK-SPEKTREN	73310	HEGER	J	6-925	KERN-SPEKTR.	42545
		2-404	TEILCH.OPT.	27010			9-2067	DIELEKTRIKA	68050	HEGERFELDT	GC	2-79	QUANTENTHEO	16516
		2-405	TEILCH.OPT.	27010	HAZZLEDINE	PM	6-2035	MECH.EIG.FK	66518			5-132	QUANTENTHEO	16516
		7-454	TEILCH.OPT.	27016	HEACOCK	RR	2-2726	GEOMAGNET.	90450			5-133	QUANTENTHEO	16516
		7-455	TEILCH.OPT.	27016			6-2765	GEOMAGNET.	90450	HEGSTROM	R	4-1462	MOLEKUELE	52516
		7-456	TEILCH.OPT.	27016			6-2766	GEOMAGNET.	90450	RA	11-1497	MOLEKUELE	52512	
		11-388	TEILCH.OPT.	27016	HEAD	AK	2-1767	KRIST.FEHL.	66035			12-1585	MOLEKUELE	52510
ING	SW	3-2919	KOSM.PHYSIK	94583			2-1768	KRIST.FEHL.	66035	HEGYI	DJ	1-438	THERMODYN.	24520
INS	GL	10-2935	IONOSPHERE	91072		JH	10-917	STARKE WW.	41735		IJ	10-587	MASER,LASER	28050
	GS	2-2848	PLANETEN	93640		K	8-2653	DUENNE SCHI	74040			10-2729	OPT.EIG.FK	73645
KEY	JK	6-507	PHYS.OPTIK	29010	HEADING	J	11-1741	PLASMA	57075	HEHENKAMP	T	8-1931	KRIST.FEHL.	66025
	R	2-1585	FLUESSIGK.	58568			12-1810	PLASMA	57080	HEHL	K	2-1074	KERNREAKTIO	43070
		7-1625	GASENTLADG.	57815	HEALD JR.	JH	5-121	VAKUUM	13060			8-1122	KERN-SPEKTR.	42545
ORTH	CW	12-2180	KRISTALLE	65574	HEALEY	D	11-1231	KERNREAKTIO	43048	HEIBERO	E	2-652	KERN-MESSG.	40542
ANEK	JZ	12-2466	DIELEKTRIKA	68020	HEAP	BR	2-190	STATISTIK	17560			6-594	KERN-MESSG.	40542
YLAK	RA	8-151	VAKUUM	13030	HEAPS	HS	12-378	MECHANIK	22020	HEICKLEN	J	5-1462	MOLEKUELE	52570
YLO	FZ	7-556	MASER,LASER	28050	HEARD	KS	10-891	STARKE WW.	41725	HEIDBERG	J	4-1556	MOLEKUELE	52550
		12-3128	OPT.EIG.FK	73640		WC	8-2761	LUFTHUELLE	90830	HEIDBREDER	E	11-3263	KOSM.STRLG.	90646
IN	P	3-331	HYDRODYNAM.	23070		AC	8-924	STARKE WW.	41700	GR		8-713	PHYS.OPTIK	29040
ON	MH	3-1217	MOLEKUELE	52514	HEARN	CJ	7-2387	PHOTOLEITG.	72510	HEIDE	M	5-836	ELEMENTART.	41574
Y	RO	9-710	BESCHLEUNIG	41020		DD	3-1187	ATOME	52065			6-721	ELEMENTART.	41574
	DR	8-2768	LUFTHUELLE	90840	HEARNE	KR	1-1661	PLASMA	57206	HEIDE VAN DER H.		8-904	ELEMENTART.	41574
KAWA	HJ	2-1053	KERNREAKTIO	43054			4-1596	PLASMA	57023			11-2385	MAGN.EIG.FK	69035
		3-1944	GITTERDYN.	67060	HEASLET	MA	5-392	WAERME	24050	HEIDEMAN	HGM	2-1215	ATOME	52070
		11-2714	HALBLEITER	71540	HEASLEY	JH	9-1662	FLUESSIGK.	58530			12-85	BUECHER	11040
	K	6-2550	FK-SPEKTREN	73335	HEATHLEY	DF	8-2780	LUFTHUELLE	90870	HEIDENREICH RD		2-420	TEILCH.OPT.	27016
	M	11-1815	GRENZFL.FK	74560			10-627	OPT.INSTRUM	28526			10-511	TEILCH.OPT.	27016
	S	12-3184	PLASMA	57075			12-683	OPT.INSTRUM	28550	HEIDMANN	J	2-2882	KOSM.PHYSIK	94550
		2-2348	HALBLEITER	71530		DR	7-2392	PHOTOLEITG.	72510			4-2862	KOSM.PHYSIK	94510
		11-3102	DUENNE SCHI	74040		GE	7-450	TEILCH.OPT.	27000			5-2937	KOSM.PHYSIK	94510
RT	R	12-1382	KERNREAKTIO	43075		M	2-2058	FK-SPEKTREN	73360			5-2960	KOSM.PHYSIK	94550
SHI	C	4-568	ELASTIZIT.	22520			12-2548	MAGN.EIG.FK	69035			12-3480	KOSM.PHYSIK	94580
	K	6-81	VAKUUM	13030		RL	7-785	KERN-MESSG.	40540			2-2882	KOSM.PHYSIK	94550
		2-857	STARKE WW.	41755	HEATHCOTE	A	8-1455	MOLEKUELE	52550	HEIDERICH	W	3-1640	KRISTALLE	65545
		7-183	QU.FELDTHEO	17000	HEATON	L	2-1702	KRISTALLE	65584	HEIER	KS	5-2799	ERDKOERPER	90250
		7-193	QU.FELDTHEO	17010			6-1637	FLUESSIGK.	58520	HEIJNINGEN VAN R.J.J.		7-1660	BASE	58025
		11-231	FELDTHEORIE	18020			7-1838	KRISTALLE	65576			12-3346	IONOSPHERE	91020
		11-1901	FLUESSIGK.	58530	HEBER	G	1-222	QU.FELDTHEO	17040	HEIKKILA	WJ	1-1064	KERN-SPEKTR.	42545
		12-995	STARKE WW.	41710			1-2107	MAGN.EIG.FK	69025	HEIKKINEN	DW	2-958	KERN-SPEKTR.	42545
	M	1-2476	FK-SPEKTREN	73325			10-1793	GASE	58050			6-1102	KERNREAKTIO	43085
	N	3-2509	FK-SPEKTREN	73325			12-1918	GASE	58050			11-1335	KERNREAKTIO	43085
	S	11-3133	DUENNE SCHI	74050		I	3-1304	POLYMERE	53535	HEIL	H	8-2701	GRENZFL.FK	74560
		2-2170	MAGN.EIG.FK	69070		J	6-2617	OPT.EIG.FK	73640			8-2702	GRENZFL.FK	74560
		6-1390	POLYMERE	53542	HEBERLE	J	9-2582	OPT.EIG.FK	73630	HEILAND	W	2-538	OPT.INSTRUM	28563
		8-1525	POLYMERE	53540	HEBERT	AJ	7-1043	KERN-SPEKTR.	42510			4-703	PHYS.OPTIK	29015
T		3-699	KERN-MESSG.	40570		CJ	8-1442	MOLEKUELE	52543			7-653	OPT.INSTRUM	28563
		3-2410	HALBLEITER	71540		J	7-1337	ATOME	52065	HEILBRON	JL	8-1337	ATOME	52060
		8-2372	HALBLEITER	71510		TH	6-789	STARKE WW.	41745	HEILES	C	10-3081	KOSM.PHYSIK	94520
		8-2608	OPT.EIG.FK	73635	HECHLER	K	2-328	WAERME	24040			10-3082	KOSM.PHYSIK	94520
		11-724	ELEMENTART.	41546			3-2306	SUPRALEITG.	70540	HEILFERTY	RJ	4-134	LABORTECHN.	12525
		11-2724	HALBLEITER	71540			3-2314	SUPRALEITG.	70530	HEILIG	K	3-1142	ATOME	52030
Y		3-2548	OPT.EIG.FK	73610	HECHT	E	12-2700	SUPRALEITG.	70540			12-1506	ATOME	52027
RON	RM	2-1013	KERNREAKTIO	43030		F	8-2892	PLANETEN	93630	HEILMEIER	OH	1-1788	FLUESSIGK.	58565

HEINICKE W	3-1455 PLASMA	57256	HELMER JC	4- 176 VAKUUM	13060	HENNEBERGER WC	10-1473 ATOME	5
	5-2605 FK-SPEKTREN	73340		9- 101 VAKUUM	13060	HENNECKE HJ	8-1141 KERNSPEKTR.	4
	10-1832 FLUESSIGK.	58527		7- 785 KERN-MESSG.	40540		9- 970 KERNSPEKTR.	4
HEINLE W	7-2337 HALBLEITER	71540		7-1115 KERNSPEKTR.	42565		12-1295 KERNSPEKTR.	4
HEINLOTH K	7- 884 ELEMENTART.	41578		12-1273 KERNSPEKTR.	42565	HENNEKER WH	3-1205 MOLEKUELE	5
	9- 776 ELEMENTART.	41574	HELMHOLZ AC	1- 858 STARKE WW.	41725	HENNELLY EJ	8-1209 KERNREAKTIO	4
	9- 782 ELEMENTART.	41578		6- 816 STARKE WW.	41764	HENNEQUIN JF	4-2649 GRENZFL.FK	7
HEINRICH B	1-2094 FK-SPEKTREN	73360	HELMIS G	2- 365 THERMODYN.	24552		5-2778 GRENZFL.FK	7
	8-2172 MAGN.EIG.FK	69024		5-1193 K-REAKTOREN	43515	HENNESSY J	2- 789 STARKE WW.	4
	2- 634 KERN-MESSG.	40512		11-1371 KERNSTRHLG.	44010		10- 904 STARKE WW.	4
	3- 684 KERN-MESSG.	40532	HELMSTROM CW	2- 201 FELDTHEORIE	18020	HENNICKE HW	11-2165 MECH.EIG.FK	6
	6-1147 KERNSTRHLG.	44030		3- 225 STATISTIK	17530	HENNIG HP	8-2389 HALBLEITER	7
	8- 772 KERN-MESSG.	40532	HELSZAJN J	5-2249 MAGN.EIG.FK	69030	HENNING CAO	5-2692 DUENNE SCHI	7
	3-2399 HALBLEITER	71540	HELY J	2- 222 FELDTHEORIE	18045		5-2693 DUENNE SCHI	7
	11-1347 K-REAKTOREN	43510	HEMBD H	5-1213 KERNSTRHLG.	44010	CD	4- 468 WAERME	2
	12- 559 HF-TECHNIK	27526	HEMELRYCK V	6-1584 GASENTLADG.	57880		11-1927 FLUESSIGK.	5
	12-2786 HALBLEITER	71540	HEMERT VAN RL	6-1030 KERNREAKTIO	43024	GB	1-2859 HOEREN	9
	8- 774 KERN-MESSG.	40535		11-1202 KERNREAKTIO	43024	JCM	5-1961 KRIST.FEHL.	6
	7- 52 BUECHER	11040	HEMILA SO	8-2600 OPT.EIG.FK	73630		5-2194 FK-SPEKTREN	7
HEINRICHS PH	11-2602 SUPRALEITG.	70510	HEMMAT PC	2-1608 KRISTALLE	65510		9-2464 FK-SPEKTREN	7
HEINTZ J	7-1273 KERNSTRHLG.	44010	HEMMER W	2- 184 STATISTIK	17530		12-2143 KRISTALLE	6
	8-1296 ATOME	52010		2- 186 STATISTIK	17530	W	4-1133 KERNSPEKTR.	4
HEINTZE LR	7- 857 ELEMENTART.	41546		11-1374 KERNSTRHLG.	44030		12-1252 KERNSPEKTR.	4
	6- 467 OPT.INSTRUM	28545	HEMMERICH H	8-1987 KRIST.FEHL.	66065	HENNINGER EH	2-1702 KRISTALLE	6
HEINTZELMAN W	6- 840 STARKE WW.	41773	HEMMES P	6-1737 FLUESSIGK.	58565		6-1637 FLUESSIGK.	5
HEINTZMANN H	9- 239 FELDTHEORIE	18045	HEMMI Y	7- 767 KERN-MESSG.	40522	HENNINGSEN JO	6-2215 FK-SPEKTREN	7
HEINZ O	4-1407 ATOME	52065		12- 970 ELEMENTART.	41574	HENNY D	2- 830 STARKE WW.	4
	9-1039 KERNREAKTIO	43052	HEMMING DA	12- 687 OPT.INSTRUM	28553	HEND Y	3- 944 KERNSPEKTR.	4
	10- 928 STARKE WW.	41740	HEMPEL K	2-2108 MAGN.EIG.FK	69040		10-1129 KERNSPEKTR.	4
	7- 822 BESCHLEUNIG	41010	HEMPHILL RB	8- 436 AKUSTIK	23570		10-1962 KRISTALLE	6
	7- 823 BESCHLEUNIG	41010	HEMPLE S	9-1035 MOLEKUELE	52536		10-1963 KRISTALLE	6
HEINZE D	9-1401 POLYMERE	53535	HEMPSTEAD RD	4- 288 STATISTIK	17510	HENDC P	7-2245 LEITFHGK.FK	7
HEINZELMANN G	10-1132 KERNSPEKTR.	42560	HEMSKY JW	6-1084 KERNREAKTIO	43064	HENNRAD J	9- 253 MECHANIK	2
HEINZINGER K	5-1699 GASE	58025	HEMSTREET JR. H.W.	3- 588 OPT.INSTRUM	28570	HENRI VP	3- 861 STARKE WW.	4
	6-1851 KRISTALLE	65584		4- 693 OPT.INSTRUM	28570		5- 894 STARKE WW.	4
HEIPLE CR	2-1902 GITTERDYN.	67060		10-1513 MOLEKUELE	52514		5- 896 STARKE WW.	4
HEIRTZLER JR	11-3233 GEOMAGNET.	90440	HENCHER JL	1-1132 KERNSPEKTR.	42565		5- 897 STARKE WW.	4
HEISEL F	6- 568 KERN-MESSG.	40518	HENCK R	6- 566 KERN-MESSG.	40518		6- 835 STARKE WW.	4
HEISEN A	7-1511 PLASMA	57023		12-1264 KERNSPEKTR.	42560	HENRICI P	6- 836 STARKE WW.	4
HEISENBERG JH	12-1405 KERNREAKTIO	43092		12-1554 ATOME	52065	HENRIET P	1- 108 MATH.PHYSIK	1
	9- 1 ALLGEMEINES	10000		12-2804 HALBLEITER	71566	HENRIET ISERENTANT C.M.	12- 383 MECHANIK	2
	12- 30 BIOGRAPHIEN	10220	HENDEE WR	11- 627 KERN-MESSG.	40582	HENRIKSEN L	3-1794 KRIST.FEHL.	6
HEISER C	10-1123 KERNSPEKTR.	42555	HENDEKOVIC J	10-1118 KERNSPEKTR.	42555		11-2104 KRIST.FEHL.	6
	12-1288 KERNSPEKTR.	42570		12-1174 KERNSTRUKT.	42075	T	9-3012 BIOPHYSIK	7
HEISIG U	5-2131 THERMEOG.FK	67556	HENDEL AZ	1-2721 KOSM.STRLG.	90646	HENRIOM W	2-2220 LEITFHGK.FK	7
HEISLER LH	3-2830 IONOSPHERE	91072	H	2-1666 KRISTALLE	65572		4-2433 FK-SPEKTREN	7
	5-2853 IONOSPHERE	91050	HW	5-1566 PLASMA	57055		7-2396 OPT.EIG.FK	7
HEISS A	7- 71 LABORTECHN.	12525		5-1599 PLASMA	57085	HENRY A	2-1306 MOLEKUELE	5
WD	6- 152 QUANTENTHEO.	16585	HENDERSON B	7-2215 LEITFHGK.FK	70038	BR	8-1418 MOLEKUELE	5
HEITKAMP D	9-1836 KRIST.FEHL.	66015	C	3- 850 STARKE WW.	41764	CH	9-2390 FK-SPEKTREN	7
HEITMANN W	1- 613 OPT.INSTRUM	28520	CL	5-2861 IONOSPHERE	91020		11-2867 FK-SPEKTREN	7
	2-1959 DUENNE SCHI	74060	D	4-1757 FLUESSIGK.	58520	CM	8-1280 KERNSTRHLG.	4
	8-2633 DUENNE SCHI	74010		6-1649 FLUESSIGK.	58520	GR	1- 986 KERNSTRUKT.	4
HEITNER WIRQUIN C.				7-1645 FLUESSIGK.	58520		5- 822 ELEMENTART.	4
	2-2045	68500		9-1641 FLUESSIGK.	58520		6- 728 ELEMENTART.	4
HEJDA B	9-2177 LEITFHGK.FK	70028	DB	8-1346 PLASMA	57010		10- 847 ELEMENTART.	4
HEJTMANEK F	7-1255 K-REAKTOREN	43515		8-1668 PLASMA	57216	GW	8-2797 IONOSPHERE	9
HEKKER H	3- 5 BIOGRAPHIEN	10215	DM	9-1512 PLASMA	57085	L	2-1306 MOLEKUELE	5
HELBERT JM	7- 637 OPT.INSTRUM	28545	O	6-2856 ASTROPHYSIK	93020		5- 580 MASER,LASER	2
	10- 647 OPT.INSTRUM	28545	GA	12-3142 OPT.EIG.FK	73645		6- 427 MASER,LASER	2
	10-1415 ATOME	52030	JR	2-2449 FK-SPEKTREN	73325		7-2245 LEITFHGK.FK	7
HELBIO HF	8-1345 ATOME	52065		8-2267 LEITFHGK.FK	70028	P	6-2537 FK-SPEKTREN	7
HELBING R	6-1340 MOLEKUELE	52575		11-2849 FK-SPEKTREN	73325		7-2533 OPT.EIG.FK	7
RKB	4-1411 ATOME	52065	LF	5- 346 HYDRODYNAM.	23060	PM	4-1415 ATOME	5
	10-1574 MOLEKUELE	52575		8- 397 HYDRODYNAM.	23060	RJW	4-1417 ATOME	5
HELCKE GA	12-1654 MOLEKUELE	52553		10- 388 HYDRODYNAM.	23050		7-1673 GASE	5
HELD A	11- 228 FELDTHEORIE	18020	NW	1-1248 KERNREAKTIO	43066	RP	2- 50 VAKUUM	1
E	8-1445 MOLEKUELE	52547	RC	5-1358 MOLEKUELE	52512		4- 81 UNTERRICHT	1
G	3- 390 THERMODYN.	24556	RR	11-3054 DUENNE SCHI	74010		9- 77 VAKUUM	1
	12- 502 THERMODYN.	24556	TM	11-2849 FK-SPEKTREN	73325		9-2278 HALBLEITER	7
HELDMANN G	3-2427 HALBLEITER	71570	WR	3-1269 MOLEKUELE	52575	HENSEL B	1-1918 MECH.EIG.FK	6
	7-2581 DUENNE SCHI	74010	HENDERSON JR. A.	12- 455 HYDRODYNAM.	23060	HENSHALL TH	7-1395 MOLEKUELE	5
W	11-2727 HALBLEITER	71560		4-1488 MOLEKUELE	52540	HENSLEY DC	12-3190 DUENNE SCHI	7
HELDT J	2-1175 ATOME	52027	HENDRA PJ	12-2937 FK-SPEKTREN	73340		11-1033 KERNSPEKTR.	4
HELENE C	3-2928 BIOPHYSIK	96040		2- 973 KERNSPEKTR.	42560	EB	11-1040 KERNSPEKTR.	4
	8-1543 POLYMERE	53546	HENDRICK LD	6-2736 GRENZFL.FK	74576		2-1760 KRIST.FEHL.	6
HELFAND E	5-2228 MAGN.EIG.FK	69025	HENDRICKS CD	8- 405 HYDRODYNAM.	23070		6-2726 GRENZFL.FK	7
HELFAND FRICH W	3-2246 LEITFHGK.FK	70060	JB	8-2311 SUPRALEITG.	70560	HENSON WJ	11- 461 MASER,LASER	2
	9-2196 LEITFHGK.FK	70060	RW	12- 107 LABORTECHN.	12525	HENTSCHEL G	8- 756 KERN-MESSG.	4
HELIN E	6-2899 PLANETEN	93630		12-2158 KRISTALLE	65572	HENTZ RR	2-1599 FLUESSIGK.	5
HELLAND JA	1- 803 ELEMENTART.	41546	CD	2- 256 HYDRODYNAM.	23020		3-1593 FLUESSIGK.	5
	7- 932 STARKE WW.	41740	HENDRICKSON PE	11- 566 PHYS.OPTIK	29086		5-1819 FLUESSIGK.	5
HELLAWELL MA	12-2203 KRISTALLE	65588		3- 913 KERNSPEKTR.	42550	HENVIS BW	7- 726 PHYS.OPTIK	2
HELLBERG A	3-1337 PLASMA	57026	HENDRIE DL	7-1139 KERNSPEKTR.	42575	HENYEF FS	3- 857 STARKE WW.	4
HELLER A	5- 554 MASER,LASER	28040		7-1151 KERNREAKTIO	43010	HENZI R	7- 914 STARKE WW.	4
	12- 657 MASER,LASER	28060		11-1134 KERNSPEKTR.	42565	HENZLER M	4-2376 HALBLEITER	7
OS	8-2545 FK-SPEKTREN	73360		11-1279 KERNREAKTIO	43056	HEPP K	11- 85 QUANTENTHEO.	4
L	2- 904 KERNSTRUKT.	42010		11-1285 KERNREAKTIO	43058	Y	10- 949 STARKE WW.	4
P	3- 112 MATH.PHYSIK	16020	HENDRIX DE	12-2423 THERMEOG.FK	67510	HEPPELL TA	4- 549 TEILCH.OPT.	2
WR	8- 482 THERMODYN.	24536	HENDRY AW	3- 823 STARKE WW.	41753	HEPPLESTONE GW	4-1831 DISP.SYST.	5
	6-2020 MECH.EIG.FK	66516		3- 825 STARKE WW.	41753		9-1734 DISP.SYST.	5
HELLIWEILL JB	1-1589 PLASMA	57050	WL	6-1129 K-REAKTOREN	43515	HEPPNER JP	5-2863 MAGNETOSPH.	9
	4-1625 PLASMA	57050		7-1256 K-REAKTOREN	43515		8-2818 MAGNETOSPH.	9
RA	4-2799 MAGNETOSPH.	91260	HENGEVOSS J	5- 108 VAKUUM	13025	HERAK JN	5- 529 HF-TECHNIK	2
RP	8-3029 HOEREN	96310	HENGLEIN A	9-1350 MOLEKUELE	52575	HERAS CA	12-2216 KRISTALLE	6
WS	4- 87 UNTERRICHT	12025		9-1351 MOLEKUELE	52575	HERB GK	4-1068 KERNSTRUKT.	4
	7- 192 QU.FELDTHEO	17010	HENGSTENBERG D	4-1741 GASE	58020	HERB RG	11-2085 KRIST.FEHL.	6
HELLMUTH W	3-1305 POLYMERE	53535	HENG T R	9- 719 BESCHLEUNIG	41020		3-1054 KERNREAKTIO	4
HELLNER E	10-1953 KRISTALLE	65560	HENIN F	11- 177 STATISTIK	17520	HERBAGE D	11-1629 POLYMERE	5
HELLWARTH RW	5-1818 FLUESSIGK.	58570	HENISCH HK	1-1937 MECH.EIG.FK	66545	HERBELLEAU F	5-2813 KOSM.STRLG.	9
HELLWEGE KH	1-2462 FK-SPEKTREN	73325		5-2140 DIELEKTRIKA	68020	HERBER RH	3-1657 FK-SPEKTREN	7
	6- 30 BUECHER	11000		8-2471 FK-SPEKTREN	73325		6-2083 GITTERDYN.	6
	8-2472 FK-SPEKTREN	73325		10-2515 PHOTOLEITG.	72510	HERBERG G	9-1576 GASENTLADG.	5
	9-2421 FK-SPEKTREN	73330	HENKE RP	11-3245 KOSM.STRLG.	90610	HERBERT WC	7-2570 OPT.EIG.FK	7
	9-2422 FK-SPEKTREN	73330	HENKEL O	2-2112 MAGN.EIG.FK	69040	HERBEUVAL JP	5- 364 AKUSTIK	2
	9-2582 OPT.EIG.FK	73630		8-2160 MAGN.EIG.FK	69020	HERBIG GH	3-2900 STERNE	9
HELLWIG B	3- 854 STARKE WW.	41764		9-2117 MAGN.EIG.FK	69040	HERBST U	3-2352 METAL.LEITG	7
	6-2036 MECH.EIG.FK	66540	HENKES W	8-1366 ATOME	52090		6-2392 METAL.LEITG	7
H K	8- 564 MASER,LASER	28020	HENLEY EM	3-1079 KERNREAKTIO	43075	HERBSTEIN FH	7-2038 GITTERDYN.	6
H	1-1680 PLASMA	57253		4-1258 KERNREAKTIO	43062	HERBUT F	8- 196 QUANTENTHEO	1
M	12- 86 UNTERRICHT	12010		12-1313 KERNREAKTIO	43012	HERCED JE	12- 625 MASER,LASER	2
HELLMAN JS	1-2250 LEITFHGK.FK	70076	HENMI Y	11- 751 ELEMENTART.	41574	HERCHER M	5-1675 GASENTLADG.	5
	5-2245 MAGN.EIG.FK	69030	HENNEBERG P	8-1103 KERNSPEKTR.	42540		9-1711 FLUESSIGK.	5
WP	4- 672 OPT.INSTRUM	28535						

HERCZEG - HIEU VAN

ZEG	P	7- 856	ELEMENTART.	41546	HERSHKOWITZ M	3- 718	KERNSPEKTR.	42510	HEUNEMANN D	4-1133	KERNSPEKTR.	42565	
		11- 692	ELEMENTART.	41540		4-1078	KERNSPEKTR.	42510	HEURING FT	11-3229	GEOMAGNET.	90430	
EN	SR	4-2562	DUEENNE SCHI	74020	HERSKIND B	3- 958	KERNSPEKTR.	42560		11-3230	GEOMAGNET.	90430	
NGUEL	P	11-1675	PLASMA	57030		5-1055	KERNSPEKTR.	42550	HEUSCH B	8-1105	ELEMENTART.	42540	
LOTZ	HJ	9-2049	GRENZFL.FK	74525		5-1095	KERNSPEKTR.	42570	HEUSLER CA	4- 911	ELEMENTART.	41574	
C	K	6- 527	PHYS.OPTIK	29060		6-1811	KRISTALLE	65545		4-1267	KERNREAKTIO	43066	
NO	R	7- 799	KERN-MESSO.	40565		8-1156	KERNSPEKTR.	42560	HEUVEL VAN DEN	8-1133	KERNSPEKTR.	42565	
	EL	6-1594	GASE	58020		8-1164	KERNSPEKTR.	42565		3-2050	FK-SPEKTREN	73370	
	WR	9- 904	KERNSTRUKT.	42070		9-1763	KRISTALLE	65545		12-3035	FK-SPEKTREN	73370	
		10-1186	KERNREAKTIO	43012		11-1113	KERNSPEKTR.	42560	HEUVELEN VAN A	4-1861	KRISTALLE	65545	
		11-1144	KERNSPEKTR.	42570		12-1395	KERNREAKTIO	43085	HEVESI I	10-2557	FK-SPEKTREN	73320	
		11-1145	KERNSPEKTR.	42570	HERTEL B	11-2136	KRIST.FEHL.	66065	HEWISH A	10-3029	PLANETEN	93650	
		11-1150	KERNSPEKTR.	42570		5-2775	GRENZFL.FK	74560		11-3448	KOSM.PHYSIK	94550	
	WS	4-2733	LUFTHUELLE	90850		2-1296	MOLEKUELE	52570	HEWITT GF	3- 331	HYDRODYNAM.	23070	
STCHI	D	1-2713	KOSM.STRLG.	90610		2- 544	OPT.INSTRUM	28570		RG	11-1289	KERNREAKTIO	43060
TAGE	MB	1-2608	DUEENNE SCHI	74020		10- 989	STARKE WW.	41770		RGL	6-1081	KERNREAKTIO	43064
VEL	J	12- 24	BIOGRAPHIEN	10218		5-2776	GRENZFL.FK	74560			10-1277	KERNREAKTIO	43060
ACH	E	10-2453	METAL.LEITG	71010	HERTZ HG	5- 36	BUECHER	11040			10-1278	KERNREAKTIO	43060
	RR	4-1400	ATOME	52075		8-1789	FLUESSIGK.	58557		RR	4-2089	FK-SPEKTREN	73370
		5-1489	MOLEKUELE	52575		8-1790	FLUESSIGK.	58557	HEWSON BROWNE R.C.		10-1677	PLASMA	57050
		9-1360	MOLEKUELE	52575		8-1791	FLUESSIGK.	58557			12-1759	PLASMA	57045
	FL	5- 455	ELEKTRIZIT.	26000		8-1792	FLUESSIGK.	58557	HEXTER RM	1-2459	FK-SPEKTREN	73320	
AN	A	9-2048	THERMEIG.FK	67556		2-1263	MOLEKUELE	52540	HEYBEY J	7-1518	PLASMA	57026	
		11-2670	HALBLEITER	71510		7-1323	ATOME	52045		OW	1-1804	KRISTALLE	65510
	F	1-2179	LEITFHGK.FK	70022		3-1830	KRIST.FEHL.	66065	HEYDE K	1-1105	KERNSPEKTR.	42555	
	FI	1-2600	DUEENNE SCHI	74010	HERTZBACH S	6- 840	STARKE WW.	41773			1-1112	KERNSPEKTR.	42560
	L	11-2143	KRIST.FEHL.	66065	HERVE J	5-2681	OPT.EIG.FK	73630			4-1067	KERNSTRUKT.	42075
	H	3-1157	ATOME	52045	HERVET H	9-2380	FK-SPEKTREN	73315			8-1152	KERNSPEKTR.	42560
	M	10- 696	PHYS.OPTIK	29040	HERVOUET C	2-2350	HALBLEITER	71540			9- 971	KERNSPEKTR.	42560
	RA	5- 533	MASER,LASER	28020		2-2339	HALBLEITER	71540			10-1136	KERNSPEKTR.	42560
		4-1205	KERNREAKTIO	43034	HERWEIJER A	2-2148	MAGN.EIG.FK	69060			10-1138	KERNSPEKTR.	42560
		6-2860	ASTROPHYSIK	93020	HERZBERG G	3-1240	MOLEKUELE	52524			11-1109	KERNSPEKTR.	42560
		9-3003	KOSM.PHYSIK	94580		3-1275	MOLEKUELE	52524	HEYDE VON DER R.		8-1332	ATOME	52045
		10-1209	KERNREAKTIO	43034		5- 611	OPT.INSTRUM	28530		PLM	1-2000	THERMEIG.FK	67550
	RM	11-1982	KRISTALLE	65530		9-1298	MOLEKUELE	52526			4- 349	MECHANIK	22036
		5-1458	MOLEKUELE	52562		3-2825	IONOSPHERE	91045			4- 350	MECHANIK	22036
		5-1823	FLUESSIGK.	58573	HERZBERGER M	3- 11	BIOGRAPHIEN	10220	HEYDENBURG NP	11-1320	KERNREAKTIO	43075	
		6-1752	FLUESSIGK.	58573		9- 12	BIOGRAPHIEN	10230	HEYDENREICH J	4-2557	DUEENNE SCHI	74020	
	S	10- 660	OPT.INSTRUM	28563	HERZBRUCH L	3- 45	BUECHER	11030	HEYES AD	3-1873	MECH.EIG.FK	66516	
	Z	2- 368	THERMODYN.	24554	HERZEL JC	7- 231	STATISTIK	17526	HEYLEN AED	10-1638	PLASMA	57010	
ANN	G	6- 423	MASER,LASER	28055	HERZENBERG A	3-1181	ATOME	52065	HEYM A	12-1909	GASENTLADG.	57880	
	H	10-2447	METAL.LEITG	71000		10-1632	POLYMERE	53546	HEYMAN PM	1-1788	FLUESSIGK.	58565	
	K	4- 516	ELEKTRIZIT.	26016		11-1457	ATOME	52070	HEYMAN D	6-2896	PLANETEN	93630	
	K	4- 184	QUANTENTHEO	16516		11-1458	ATOME	52070	HEYMAN FF	3- 860	STARKE WW.	41767	
		5- 943	STARKE WW.	41753	HERZER CL	8-2451	FK-SPEKTREN	73310		6- 767	STARKE WW.	41725	
		9- 137	QUANTENTHEO	16530	HERZEL KF	1- 728	KERN-MESSG.	40520	HEYMATZ JT	2-1834	MECH.EIG.FK	66516	
	W	6-1418	PLASMA	57010	HERZFELD G	5-1463	MOLEKUELE	52575	HEYNING CTC	12-3035	FK-SPEKTREN	73370	
	WA	5-2696	DUEENNE SCHI	74010	HERZIGER G	3- 480	MASER,LASER	28030	HEYROVSKY M	4-1819	FLUESSIGK.	58568	
ANNS	M	7- 991	STARKE WW.	41775		3- 481	MASER,LASER	28030	HEYVAERTS MJ	9-1519	PLASMA	57090	
ANS	LJF	3-1522	GASE	58050		4- 616	MASER,LASER	28040		12-3446	KOSM.PHYSIK	94500	
ANSON	J	9-2393	FK-SPEKTREN	73325	HERZO D	3- 742	ELEMENTART.	41546	HEYWANG W	6- 46	UNTERRICHT	12055	
EL	W	6-2704	GRENZFL.FK	74535		4-2086	FK-SPEKTREN	73370	HEYWOOD GCH	9- 419	ELEKTRIZIT.	26016	
ENS	WT	10-1774	GASE	58010	HERZUM N	1-2128	MAGN.EIG.FK	69040	HIBBERD FH	1-2767	IONOSPHERE	91072	
		10-1775	GASE	58010	HESS E	2-2899	STRAHL-BIOL	97010		5-2837	IONOSPHERE	91020	
ON	E	2-2160	MAGN.EIG.FK	69065		2-1235	MOLEKUELE	52514	HIBBERT A	6-1166	ATOME	52010	
		7-1805	KRISTALLE	65540		7-2037	GITTERDYN.	67020		10- 189	QUANTENTHEO	16530	
SDORF	H	10-1806	FLUESSIGK.	58520		1-1742	FLUESSIGK.	58527		11-1403	ATOME	52010	
ANDEZ	JR	10-1595	MOLEKUELE	52585		3-1544	FLUESSIGK.	58525	HIBI T	12- 207	QUANTENTHEO	16530	
		2- 217	FELDTHEORIE	18042		11-1835	GASENTLADG.	57870		1-2665	GRENZFL.FK	74566	
		10- 316	FELDTHEORIE	18042		10- 410	AKUSTIK	23540		5- 495	TEILCH.OPT.	27016	
ANZ	M	12-1789	PLASMA	57070		11-1130	KERNSPEKTR.	42565	HIBNER J	5-2813	KOSM.STRLG.	90630	
DON	HV	5- 781	BESCHLEUNIG	41020		11-2821	FK-SPEKTREN	73310		11-3272	KOSM.STRLG.	90646	
	RC	2- 802	STARKE WW.	41740		4-1536	MOLEKUELE	52585		12-3312	KOSM.STRLG.	90646	
		3- 914	KERNSPEKTR.	42535		6- 425	MASER,LASER	28055	HICINBOTHEM JR. W.A.		1-2016	DIELEKTRIKA	68020
		9- 885	STARKE WW.	41790		7-1087	KERNSPEKTR.	42545			3-1099	K-REAKTOREN	43520
ECK	F	10- 25	BIOGRAPHIEN	10216		12-1000	STARKE WW.	41725	HICK H	5- 820	ELEMENTART.	41565	
D	JV	3-2843	MAGNETOSPH.	91230		13-1001	STARKE WW.	41725		4-1990	MECH.EIG.FK	66545	
UX	P	2- 376	ELEKTRIZIT.	26010		7-1517	PLASMA	57026	HICKEY DP	2- 515	OPT.INSTRUM	28530	
	L	8- 537	TEILCH.OPT.	27068		11- 203	STATISTIK	17535	HICKSON D	8-2745	LUFTHUELLE	90810	
		8-1323	ATOME	52040		9- 601	PHYS.OPTIK	29030	HICKLING R	5- 362	AKUSTIK	23540	
IN	E	7- 690	PHYS.OPTIK	29040		2- 52	VAKUUM	13016		5- 647	OPT.INSTRUM	28570	
	A	6-2258	MAGN.EIG.FK	69040		3-1879	MECH.EIG.FK	66545		12- 735	PHYS.OPTIK	29045	
EMAN	W	10-2289	MAGN.EIG.FK	69040		6-2018	MECH.EIG.FK	66516	HICKMOTT JT	11-2892	FK-SPEKTREN	73340	
KEY	EMJ	10-2376	LEITFHGK.FK	70035		4-1119	KERNSPEKTR.	42560	HICKOK RL	1-1658	PLASMA	57023	
ICK	CC	5-1776	FLUESSIGK.	58540		8-2973	KOSM.PHYSIK	94530	HICKS BB	6-2811	LUFTHUELLE	90890	
		11-2263	THERMEIG.FK	67556	HELSEL A	3- 442	HF-TECHNIK	27530		H	6- 722	ELEMENTART.	41574
ING	C	1-2233	LEITFHGK.FK	70065		8-1411	MOLEKUELE	52524		JM	2-1453	PLASMA	57256
		2-2292	LEITFHGK.FK	70076	HESEL MAM	1-1508	MOLEKUELE	52547		N	5- 839	ELEMENTART.	41574
	FG	1-1509	MOLEKUELE	52547	HESSLER JE	3-1448	PLASMA	57250		TE	5-1202	K-REAKTOREN	43515
INGTON	TM	6-1632	FLUESSIGK.	58520		8-1456	MOLEKUELE	52560		TJ	11-2304	MAGN.EIG.FK	69010
IOTT	DR	7- 581	MASER,LASER	28060		11-1597	MOLEKUELE	52580	HICTER P	6-1699	FLUESSIGK.	58550	
HMANN	CC	9- 558	OPT.INSTRUM	28526		5-1792	FLUESSIGK.	58555		G	3- 883	KERNSTRUKT.	42010
	F	7-1622	GASENTLADG.	57815		6-2765	GEOMAGNET.	90450	HIDA K	5- 826	ELEMENTART.	41566	
	II	7- 28	TAGUNGEN	10515		6-2766	GEOMAGNET.	90450		N	10-2096	MECH.EIG.FK	66518
	GF	2-1641	KRISTALLE	65545	HESTENES D	2- 202	FELDTHEORIE	18020			10-2097	MECH.EIG.FK	66518
		2-1642	KRISTALLE	65545		2- 203	FELDTHEORIE	18020	HIDAKA Y	6-2270	MAGN.EIG.FK	69050	
		12-2137	KRISTALLE	65545		5- 248	FELDTHEORIE	18020		10-2125	MECH.EIG.FK	66553	
		12-2560	MAGN.EIG.FK	69045	HESTER RE	3-1599	FLUESSIGK.	58573	HIDDEN NJ	2-1564	FLUESSIGK.	58543	
	K	10-2496	HALBLEITER	71500		10-1550	MOLEKUELE	52540	HIDDLESTON JN	12-2059	FLUESSIGK.	58568	
		11-2938	FK-SPEKTREN	73365		11-1950	FLUESSIGK.	58573	HIDE R	1-2679	ERDKOERPER	90210	
	KH	9-2066	DIELEKTRIKA	68050						8-2887	PLANETEN	93614	
	R	3-2256	METAL.LEITG	71010		1- 870	STARKE WW.	41735		10-3001	PLANETEN	93614	
		5-2213	FK-SPEKTREN	73365		1- 970	STARKE WW.	41790		12- 418	HYDRODYNAM.	23020	
		10-2649	FK-SPEKTREN	73365		11-1348	K-REAKTOREN	43510	HIDSHAW W	6-2013	MECH.EIG.FK	66514	
		11-2938	FK-SPEKTREN	73365	HESTER H	10-1720	PLASMA	57093		2- 803	STARKE WW.	41740	
		11-2939	FK-SPEKTREN	73365	HEITNER G	1-1534	PLASMA	57015	HIEBER RH	6- 786	STARKE WW.	41740	
	W	8- 58	UNTERRICHT	12025		1-1535	PLASMA	57017		11- 831	STARKE WW.	41740	
		1-1697	PLASMA	57085	HEUBERGER A	3-1628	KRISTALLE	65540		1-1245	KERNREAKTIO	43064	
		2-1438	PLASMA	57235	HEUER J	1-1091	KERNSPEKTR.	42555	HIEBERT JC	9-1058	KERNREAKTIO	43064	
MANNSFELDT W.B.		10- 791	BESCHLEUNIG	41020	HEUGHEBAERT J	5- 894	STARKE WW.	41730		10-1290	KERNREAKTIO	43060	
ON	JT	12-1688	MOLEKUELE	52575		5- 896	STARKE WW.	41730		11-1291	KERNREAKTIO	43060	
SCHBACH	DR	1-1432	ATOME	52085		6- 835	STARKE WW.	41770		11-1312	KERNREAKTIO	43066	
		5-1489	MOLEKUELE	52575		6- 836	STARKE WW.	41770	HIEN NC	1- 966	STARKE WW.	41783	
	K	1-1890	KRIST.FEHL.	66060		11- 793	STARKE WW.	41725	HIERL PM	8-1368	ATOME	52090	

HIGASHI - HLASNIK

HIGASHI A	7-1798	KRISTALLE	65518	HILLIER IH	3-1697	KRISTALLE	65582	HIRANO A	2-1783	KRIST.FEHL.	61	
K	11- 623	KERN-MESSG.	40580		5-2362	LEITFHGK.FK	70053	H	9-1754	KRISTALLE	61	
N	2- 425	TEILCH.OPT.	27030		12- 874	KERN-MESSG.	40584	K	3-1470	BASENTLADG.	51	
HIGASHIMURA T	3-1602	FLUESSIGK.	58573	HILLION P	5- 141	QUANTENTHEO	16516		5-1666	PLASMA	51	
HIGASHINO I	6-2868	SONNENPHYS.	93316		5- 421	THERMODYN.	24510	M	11-2847	FK-SPEKTREN	73	
	7- 380	WAERME	24023		10- 162	QUANTENTHEO	16516		4-2458	FK-SPEKTREN	73	
HIGATSBERGER M.J.				HILLMAN P	1-1038	KERNSPEKTR.	42525	HIRAO M	6- 81	VAKUUM	1	
	12- 39	BIOGRAPHIEN	10230		3-2927	HOEREN	96310	K	3-2364	HALBLEITER	7	
HIGGINBOTHAM C.W.					7-1127	KERNSPEKTR.	42565		2-1764	KRIST.FEHL.	61	
	1-2190	LEITFHGK.FK	70028	HILSCHER D	1-1241	KERNREAKTIO	43062	HIRAOKA E	7- 814	KERN-MESSG.	4	
	2-2527	OPT.EIG.FK	73605		4-1259	KERNREAKTIO	43064	HIRASAWA T	4- 966	STARKE WW.	4	
HIGGINS GS	5- 729	KERN-MESSG.	40512		7- 770	KERN-MESSG.	40527	HIRATA M	1-1897	KRIST.FEHL.	61	
RJ	4-2223	LEITFHGK.FK	70024		8-1225	KERNREAKTIO	43064		1-1897	KRIST.FEHL.	61	
	11- 367	ELEKTTRIZIT.	26030		10-1222	KERNREAKTIO	43044	HIRATATE Y	7- 829	BESCHLEUNIG.	4	
HIGGS RW	6-1609	GASE	58030	HILSUM C	1-2355	HALBLEITER	71530		7- 1215	KERNREAKTIO	4	
HIGHLAND GJ	7-1233	KERNREAKTIO	43080		9- 465	HF-TECHNIK	27523		11-1272	KERNREAKTIO	4	
HIGUCHI H	2-2305	HALBLEITER	71500	HILTBRAND E	6-1716	FLUESSIGK.	58557	HIRATO N	7-2964	HOEREN	9	
HIIDA K	6- 842	STARKE WW.	41773	HILTI E	8-1911	KRISTALLE	65588	HIRAYAMA M	7- 183	QU.FELDTHEO	1	
	10- 838	ELEMENTART.	41546		8-1912	KRISTALLE	65588		7- 838	ELEMENTART.	4	
HIISMAEKI P	5-1334	ATOME	52075	HILTNER WA	4-2874	KOSM.PHYSIK	94540	HIRCH E	11- 888	STARKE WW.	4	
HIKATA A	8-2306	LEITFHGK.FK	70078		7-2925	KOSM.PHYSIK	94540	S	6-1516	PLASMA	5	
HIKICHI K	2-2026	FK-SPEKTREN	73370		9-2913	STERNE	94000	HIROE	12-1604	MOLEKUELE	5	
HILAIRE G	5-2935	KOSM.PHYSIK	94510		9-2978	KOSM.PHYSIK	94540	HIROIKE T	2-2118	MAGN.EIG.FK	6	
HILAL SK	12- 674	OPT.INSTRUM	28540	HILTON AR	2-2523	OPT.EIG.FK	73605	HIRONE	12-2597	MAGN.EIG.FK	6	
HILBERS CW	3-1287	MOLEKUELE	52553		10-2688	OPT.EIG.FK	73605		9-2342	THERMOELEKT	7	
HILBERT D	9- 40	BUECHER	11010		D	3-185	LEITFHGK.FK	70010	HIRONO K	3-1459	PLASMA	5
	11- 30	BUECHER	11010			8- 296	STATISTIK	17530		3- 218	STATISTIK	1
	12-1450	KERNSTRAHLG.	44030		LK	1- 719	KERN-MESSG.	40510	HIROOKA H	3- 219	STATISTIK	1
HILBIG G	4-1834	DISP.SYST.	59540	HILZ E	6- 289	AUKSTIK	23550		K	10-2118	MECH.EIG.FK	6
	4-1835	DISP.SYST.	59510	HIMMEL G	10-1144	KERNSPEKTR.	42565		M	11- 699	ELEMENTART.	4
HILCZER B	7-2662	GRENZFL.FK	74540		L	3-1637	KRISTALLE	65545	HIROSE A	4-1642	PLASMA	5
	12-2043	FLUESSIGK.	58562	HIMMELBAUER E		5-1963	KRIST.FEHL.	66025		1-2413	HALBLEITER	7
HILD T	9- 263	MECHANIK	22036		3- 420	TEILCH.OPT.	27062		8-2420	HALBLEITER	7	
HILDEBRAND BP	2- 516	OPT.INSTRUM	28530	HIMMELBLAU DM	7-1723	FLUESSIGK.	58540		11-1625	POLYMERE	5	
RH	7- 793	KERN-MESSG.	40555	HIMMEL LC	4-1424	ATOME	52075	HIROSHIGE N	5-1011	KERNSTRAKT.	4	
	9- 745	ELEMENTART.	41546	HIMMLER U	6-1990	KRIST.FEHL.	66065		11- 545	PHYS.OPTIK	2	
HILDEBRANDT AF	12-1964	FLUESSIGK.	58527	HINCHMAN MJ	6-3000	HOEREN	96310	HIROSHIMA T	3-2129	MAGN.EIG.FK	6	
G	3- 68	LABORTECHN.	12530	HINCKS EP	4-1378	ATOM	52050	HIROTA I	6-1535	PLASMA	5	
	6-1918	KRIST.FEHL.	66035	HINDENWACH P	1-1246	KERN-REAKTIO	43066		6-1536	PLASMA	5	
	8-1882	KRISTALLE	65572	HINDERKS LW	10-2644	FK-SPEKTREN	73360		N	4-1563	MOLEKUELE	5
	9-1785	KRISTALLE	65572	HINDLE PH	6-2858	ASTROPHYSIK	93020		R	1-2215	LEITFHGK.FK	7
	10-2549	FK-SPEKTREN	73315		12-3339	LUFTHUELLE	90870			4-1652	PLASMA	5
HILDEN RH	8- 790	KERN-MESSG.	40555	HINDMAN JC	9-1692	FLUESSIGK.	58557	HIROTSU M	4- 433	HYDRODYNAM.	2	
HILDENBRAND DL	7- 802	KERN-MESSG.	40570	HINDMARSH WR	4- 72	BUECHER	11020	HIROYASU H	5- 595	MASER,LASER	2	
K	11-1511	MOLEKUELE	52516	HINDS S	1-1083	KERNSPEKTR.	42550	HIRSCH AA	1-2135	MAGN.EIG.FK	6	
HILICO JC	8-1430	MOLEKUELE	52536		1-1110	KERNSPEKTR.	42560		3-2634	DUENNE SCHI	74	
HILL A	10-1263	KERNREAKTIO	43054		4-1268	KERNREAKTIO	43070		4-2588	DUENNE SCHI	74	
AD	3- 148	QUANTENTHEO	16553		6-1090	KERNREAKTIO	43070		12- 514	ELEKTTRIZIT.	4	
	7-1201	KERNREAKTIO	43060		8-1126	KERNSPEKTR.	42545	HR	9-3023	HOEREN	9	
	8-1213	KERNREAKTIO	43054		9-1067	KERNREAKTIO	43070	P	3-1401	PLASMA	5	
AR	9-1540	PLASMA	57235		12-1376	KERNREAKTIO	43070	PB	6- 235	ELASTIZIT.	2	
CD	2- 66	MATH.PHYSIK	16020	HINE GJ	5- 716	KERN-MESSG.	40503		6-2033	MECH.EIG.FK	6	
	2- 67	MATH.PHYSIK	16020	RE	12-2149	KRISTALLE	65570		7-2626	KRISTALLE	6	
DA	5-2187	FK-SPEKTREN	73370	RL	2-1743	KRIST.FEHL.	66060		6-1544	VAKUUM	1	
DG	3- 788	STARKE WW.	41725	HINGSAMMER J	3-1781	KRIST.FEHL.	66030		12-1862	PLASMA	5	
	6- 687	ELEMENTART.	41546	HINGSTON J	8-2757	LUFTHUELLE	90830	HIRSCHBERG JG	6- 483	OPT.INSTRUM	2	
	12-1121	STARKE WW.	41770	HINICH MJ	6- 291	AUKSTIK	23560	JH	3-1448	PLASMA	5	
DW	4- 685	OPT.INSTRUM	28553	HININEN A	6-1759	FLUESSIGK.	58573	HIRSCHFELD T	11- 397	TEILCH.OPT.	2	
EL	11-3289	LUFTHUELLE	90880	HINNOV E	3-1448	PLASMA	57250	HIRSCHFELDER J.O.				
ER	4-2885	KOSM.PHYSIK	94550		5-1528	PLASMA	57010		2-1170	ATOME	5	
G	9-2941	STERNE	94050		5-1669	PLASMA	57279		4-1382	ATOME	5	
	9-2942	STERNE	94050		9-1564	PLASMA	57263		5-1321	ATOME	5	
GJ	8-2152	MAGN.EIG.FK	69010	HINOTANI K	5-2950	KOSM.PHYSIK	94530		5-1322	ATOME	5	
	12-2513	MAGN.EIG.FK	69010	HINRICHS J	9-1467	PLASMA	57050		6-1259	MOLEKUELE	5	
	12-2765	HALBLEITER	71530	RA	11-1327	KERNREAKTIO	43080	HIRSCHWALD W	11- 106	QUANTENTHEO	1	
GL	5-1711	GASE	58030	HINRICHS PF	1-1087	KERNSPEKTR.	42550		2-2174	KRIST.FEHL.	6	
HH	4-2293	SUPRALEITG.	70530		4-1251	KERNREAKTIO	43056	HIRSH SK	11-3481	HOEREN	9	
	6-2381	SUPRALEITG.	70550	HINSCH H	10- 410	AUKSTIK	23540	HIRSHBERG J	11-3387	PLANETEN	9	
	9-2229	SUPRALEITG.	70530	HINSON DC	3-2549	OPT.EIG.FK	73605	HIRSHFIELD JL	5-1678	BASENTLADG.	5	
	11-2635	SUPRALEITG.	70540	HINTENBERGER F	11-1293	KERNREAKTIO	43060		6-1520	PLASMA	5	
JC	10-1148	KERNSPEKTR.	42565	H	6-1774	FK-PHYSIK	65000		9-1512	PLASMA	5	
	12-1260	KERNSPEKTR.	42560	HINTERBERGER F	3- 923	KERNSPEKTR.	42545		12-1787	PLASMA	5	
JJ	1-1048	KERNSPEKTR.	42540		7-1208	KERNREAKTIO	43064	HIRST LL	12-1815	PLASMA	5	
JR	7-1024	KERNSTRAKT.	42070	H	10-1279	KERNREAKTIO	43060		4-2254	LEITFHGK.FK	7	
JS	12- 163	VAKUUM	13050	HINTEREGGER HE	10- 678	OPT.INSTRUM	28595		8- 515	ELEKTRODYN.	2	
LL	2- 954	KERNSPEKTR.	42545		1-2729	LUFTHUELLE	90820		10-2624	FK-SPEKTREN	7	
LR	10- 368	HYDRODYNAM.	23020		8- 537	TEILCH.OPT.	27068	HIRT JP	1-1536	PLASMA	5	
MJ	8- 528	TEILCH.OPT.	27040	HINTON FL	9-1526	PLASMA	57093	HIRTH CW	5-1974	KRIST.FEHL.	6	
	9-2489	FK-SPEKTREN	73355	HINWOOD JB	2- 259	HYDRODYNAM.	23020		6-1947	KRIST.FEHL.	6	
MM	12-1769	PLASMA	57053	HINZE J	5- 168	QUANTENTHEO	16530	HIRTHE WM	5-2497	HALBLEITER	7	
NW	11- 588	KERN-MESSG.	40518		9-1248	MOLEKUELE	52510		6-2021	MECH.EIG.FK	6	
	12-1349	KERNREAKTIO	43050	HINZPETER A	10- 17	BIOGRAPHIEN	10215	HISADA H	6-2868	SONNENPHYS.	9	
P	8-2472	FK-SPEKTREN	73325	HIOE FT	3-1299	POLYMERE	53530	HISANO K	3-2529	FK-SPEKTREN	7	
PCJ	4- 596	HF-TECHNIK	27550	HIOKI R	6- 515	PHYS.OPTIK	29035		6-2085	GITTERDYN.	6	
R	2- 239	ELASTIZIT.	22520	HIPP H	12- 832	KERN-MESSG.	40550	HISATAKE K	9- 965	KERNSPEKTR.	4	
	5-2631	OPT.EIG.FK	73610	HIPPEL VON F	12-1032	STARKE WW.	41730		11-1104	KERNSPEKTR.	4	
RA	3-1156	ATOME	52045	HIR LE JF	7-2318	HALBLEITER	71520		11-1123	KERNSPEKTR.	4	
	4-1375	ATOME	52045		8-2368	HALBLEITER	71500	HISCHER H	7- 677	PHYS.OPTIK	2	
	4-1477	MOLEKUELE	52536		8-2394	HALBLEITER	71540	HISDAL E	1- 659	PHYS.OPTIK	2	
	5-2738	DUENNE SCHI	74060		11-2717	HALBLEITER	71540	HISE VAN JR	5-1075	KERNSPEKTR.	4	
RD	11-3291	LUFTHUELLE	90880	MJF	11-2673	HALBLEITER	71520		10-1228	KERNREAKTIO	4	
RE	2- 814	STARKE WW.	41740	HIRABAYASHI K	5-2687	DUENNE SCHI	74010		12-1240	KERNSPEKTR.	4	
RJ	3- 103	VAKUUM	13030		11-2018	KRISTALLE	65570	HITCHCOCK DR	8-3024	BIOPHYSIK	9	
RM	3-1424	PLASMA	57093		1-1889	KRIST.FEHL.	66035	HITE GE	11- 798	STARKE WW.	4	
	4-2576	DUENNE SCHI	74040	HIRAGA K	1-1889	KRIST.FEHL.	66035		12- 244	QUANTENTHEO	1	
	5-2699	DUENNE SCHI	74010	HIRAHARA E	1-2334	HALBLEITER	71520	HE	7-1976	MECH.EIG.FK	6	
	11-2873	FK-SPEKTREN	73330		10-2119	MECH.EIG.FK	66553	JR	11- 637	KERN-MESSG.	4	
	12-1851	PLASMA	57206	HIRAI A	2-2024	FK-SPEKTREN	73370	HITIER G	3-2562	OPT.EIG.FK	7	
	12-2560	MAGN.EIG.FK	69045		11-2949	FK-SPEKTREN	73370		5-2659	OPT.EIG.FK	7	
RN	8- 319	FELDTHEORIE	18030	H	6-2645	DUENNE SCHI	74010	HITLIN D	3- 988	KERNSPEKTR.	4	
T	6-1867	KRISTALLE	65595	K	6-2667	DUENNE SCHI	74040	HITOMI M	7- 380	WAERME	2	
W	3- 468	HF-TECHNIK	27560	M	9-2627	DUENNE SCHI	74010		5-2643	OPT.EIG.FK	7	
HILLAIRET J	1-2425	THERMOELEKT	72010		1-1879	KRIST.FEHL.	66030	HITTHAIR O	6-1020	KERNREAKTIO	4	
	5-1993	KRIST.FEHL.	66065		1-2565	FK-SPEKTREN	73325		10- 171	QUANTENTHEO	1	
HILLE P	2-1028	KERNREAKTIO	43044		1-2566	OPT.EIG.FK	73640	HITZROT LH	12-3484	BIOPHYSIK	9	
	2-1039	KERNREAKTIO	43048		2-1805	KRIST.FEHL.	61030	HIURA M	1-1222	KERNREAKTIO	4	
	3- 990	KERNSPEKTR.	42570		12-3136	OPT.EIG.FK	73640	HIZA MJ	5- 112	VAKUUM	1	
	5-1136	KERNREAKTIO	43044		12-3138	OPT.EIG.FK	73640	HIZHNYAKOV V	3-2471	FK-SPEKTREN	7	
	6-1041	KERNREAKTIO	43040	T	1-2434	PHOTOLEITG.	72910	HJORTH SA	2-1071	KERNREAKTIO	4	
	9-1027	KERNREAKTIO	43046		8-1536	POLYMERE	53544		2-1072	KERN- KERNPE	1	
W	9-2130											

NIK I	9-2230	SUPRALEITG.	70530	IOENIG MM	8- 900	ELEMENTART.	41574	HOFSTADTER R	4-1205	KERNREAKTIO	43034	
KA J	12-2599	MAGN.EIG.FK	69080	IOENING HE	8-2342	SUPRALEITG.	70550		10- 968	STARKE WW.	41760	
ICZKA P	2-2290	SUPRALEITG.	70520	IOENL H	3- 264	FELDTHEORIE	18040		10-1209	KERNREAKTIO	43034	
	4-2286	SUPRALEITG.	70520		7-2830	SONNENPHYS.	93300		10-1212	KERNREAKTIO	43038	
	6-2384	SUPRALEITG.	70550	HOEPER PS	10-1458	ATOME	52070		10-2047	KRIST.FEHL.	66062	
KA E	8-2330	SUPRALEITG.	70530	HOEPFNER A	3- 375	THERMODYN.	24533		12- 805	KERN-MESSG.	40522	
	3- 220	STATISTIK	17523	HOERIG HJ	12-1938	FLUESSIGK.	58510		12-1405	KERNREAKTIO	43092	
CY	11-2243	THERMEIG.FK	67520		12-2039	FLUESSIGK.	58560	HOFSTEIN SR	3-1723	KRIST.FEHL.	66010	
HT	2-2658	GRENZFL.FK	74530	HOERL EM	3-1920	GITTERDYN.	67020	HOFSTETTER KJ	2- 982	KERN-SPEKTR.	42565	
JC	12-2359	MECH.EIG.FK	66550		7-1833	KRISTALLE	65574		8-1173	KERN-SPEKTR.	42570	
PS	4-1993	MECH.EIG.FK	66550		8-1974	KRIST.FEHL.	66040	HOGAN CM	10-2244	MAGN.EIG.FK	69020	
	8-2067	GITTERDYN.	67010		8-2078	GITTERDYN.	67040	EM	10-2180	THERMEIG.FK	67520	
	9-1941	MECH.EIG.FK	66550	HOERLER H	8-1704	GASE	58010	JT	1-1543	PLASMA	57026	
IM Q	9-1025	KERNREAKTIO	43044	HOERNFELDT S	7-2208	LEITFHKG.FK	70024	WJ	9- 828	STARKE WW.	41740	
G TF	1- 741	KERN-MESSG.	40560	HOERNSCHEMEYER D.				WS	3-1107	KERNSTRHLG.	44020	
	6- 833	STARKE WW.	41770		6-1731	FLUESSIGK.	58562	HOGENBOOM DL	2-1550	FLUESSIGK.	58540	
TP	5-2753	GRENZFL.FK	74520	HOERSTEL W	8-2410	HALBLEITER	71563	HOGERTON JF	8-1271	K-REAKTOREN	43550	
FE	8-2095	THERMEIG.FK	67510	HOERZ G	11-3160	GRENZFL.FK	74530	HOGERVORST W	5-1708	GASE	58025	
R	7-1910	KRIST.FEHL.	66035		H	10- 1	ALLGEMEINES	10000	HOGG BG	7-1475	MOLEKUELE	52580
	11-2107	KRIST.FEHL.	66035	HOESCHEN D	12-2441	THERMEIG.FK	67550	HOGGAT CR	11-2171	MECH.EIG.FK	66516	
IE RK	6-1101	KERNREAKTIO	43085	HOEVE HG	9-2480	FK-SPEKTREN	73355	HOGUE LJ	6- 335	ELEKTIZIT.	26050	
S GM	9-1451	PLASMA	57030	HOEVEN VAN DER JR.	B.J.C.			HOM K	9-2627	DUENNE SCHI	74010	
JM	11- 226	FELDTHEORIE	18020		9-2147	MAGN.EIG.FK	69060	HOHENBERG PC	2-2285	SUPRALEITG.	70520	
PY	6-2701	GRENZFL.FK	74520		9-2148	MAGN.EIG.FK	69060		6-1658	FLUESSIGK.	58525	
RW	4-2881	KOSM.PHYSIK	94550	HOFACKER GL	12-1586	MOLEKUELE	52510		6-2357	SUPRALEITG.	70510	
	10-3090	KOSM.PHYSIK	94550	HOFTADTNER UAH	12-1586	MOLEKUELE	52510	HOHENEMSER C	7-2155	MAGN.EIG.FK	69060	
MY	5- 711	PHYS.OPTIK	29083	F	6- 30	BUECHER	11000	HOHENSTEIN J	8-1154	KERN-SPEKTR.	42560	
	6-2556	FK-SPEKTREN	73380	HOFELICH F	6-1314	MOLEKUELE	52575		3- 106	VAKUUM	13030	
R J	5-2019	MECH.EIG.FK	66514		6-1375	POLYMERE	53535		3-2611	DUENNE SCHI	74010	
RT H	8-2679	GRENZFL.FK	74535		7- 524	MASER,LASER	28030	HOHL F	5-2921	STERNE	94000	
ON A	11- 170	STATISTIK	17520		10- 556	MASER,LASER	28035		11-3418	KOSM.PHYSIK	94510	
GS	1-2352	HALBLEITER	71550	HOFELICH ABATE E.	12- 588	MASER,LASER	28035	HOHLA K	10-1756	GASENTLADG.	57815	
JP	4-2613	GRENZFL.FK	74530		7- 524	MASER,LASER	28030	HOHLER V	5- 709	PHYS.OPTIK	29083	
	5- 103	VAKUUM	13020		10- 556	MASER,LASER	28035		5-2564	FK-SPEKTREN	73325	
	9-2671	GRENZFL.FK	74530	HOFFER R	9- 461	TEILCH.OPT.	27062		10-2601	FK-SPEKTREN	73340	
ON JR. RM	12-1872	PLASMA	57253	RC	2- 581	PHYS.OPTIK	29033	HOHLFELD K	3- 611	PHYS.OPTIK	29015	
RT R	12-3220	GRENZFL.FK	74510	M	12-1867	GASENTLADG.	57895	HOHLNEICHER G	4-1502	MOLEKUELE	52528	
	5-2768	GRENZFL.FK	74535	HOFF RW	9-1089	KERNREAKTIO	43092	HOINKES H	10-2843	ERDKOERPER	90260	
H	3- 99	VAKUUM	13020		12-1296	KERN-SPEKTR.	42575	HOINKIS E	12- 849	KERN-MESSG.	40580	
K	11- 378	ELEKTRODYN.	26540		12-1347	KERNREAKTIO	43048	HOJO H	12-3354	IONOSPHERE	91045	
MJR	12-3053	FK-SPEKTREN	73370	HOFFER G	11-2408	MAGN.EIG.FK	69040	HOKHIKIAN J	11-1258	KERNREAKTIO	43052	
BERG AK	11- 465	MASER,LASER	28055	JK	12-2450	THERMEIG.FK	67556	HOKKYO M	2- 176	QU.FELDTHEO	17050	
RAINER D	7-1652	GASE	58020	HOFFERT MI	6-1404	PLASMA	57026	HOLBA P	4-2059	THERMEIG.FK	67550	
STIM AR	8-1462	MOLEKUELE	52570		11-1706	PLASMA	57050	HOLCOMB DF	7-2501	FK-SPEKTREN	73370	
STRASSER R.H.				HOFFMAN AC	10-2286	MAGN.EIG.FK	69040	NE	12- 155	VAKUUM	13030	
	3-2472	FK-SPEKTREN	73325	AL	2-1370	PLASMA	57253		8-1290	KERNSTRHLG.	44020	
	3-2498	FK-SPEKTREN	73345	BW	2- 632	KERN-MESSG.	40510	TM	9-1090	KERNREAKTIO	43092	
	4-2485	OPT.EIG.FK	73610	CM	5- 965	STARKE WW.	41764		4-2153	MAGN.EIG.FK	69030	
	5-2548	FK-SPEKTREN	73300		11- 812	STARKE WW.	41735		8-2095	THERMEIG.FK	67510	
	6-2521	FK-SPEKTREN	73325	DC	2- 996	KERN-SPEKTR.	42575		10-2234	MAGN.EIG.FK	69010	
	10-1941	KRISTALLE	65545		7-1140	KERN-SPEKTR.	42575		11-2303	MAGN.EIG.FK	69010	
	11-2851	FK-SPEKTREN	73325	EJ	1-1097	KERN-SPEKTR.	42555		11-2304	MAGN.EIG.FK	69010	
ULI U	3- 522	MASER,LASER	28055	HS	12-3408	PLANETEN	93630	HOLDER FD	11-2379	MAGN.EIG.FK	69030	
AM GA	3- 457	HF-TECHNIK	27530	JD	11-1616	POLYMERE	53535		12-2553	MAGN.EIG.FK	69040	
ER LO	4- 631	MASER,LASER	28055	JE	6- 477	OPT.INSTRUM	28545	HOLDS JH	8-1193	KERNREAKTIO	43030	
	9-1308	MOLEKUELE	52536	JM	3-2806	LUFTHUELLE	90870	HOLEMAN GR	7- 318	HYDRODYNAM.	23020	
	10- 612	MASER,LASER	28060	JT	10-2623	FK-SPEKTREN	73355	HOLISTER GS	3- 707	BESCHLEUNIG	41000	
	11- 469	MASER,LASER	28055	KC	11-3374	SONNENPHYS.	93340	W	10- 350	ELASTIZIT.	22510	
HEY BJ	6- 233	ELASTIZIT.	22530	MZ	8-1497	GASE	58060	HOLLADAY WG	2- 715	ELEMENTART.	41546	
JA	5-2747	GRENZFL.FK	74510		11-1606	MOLEKUELE	52585		5- 834	ELEMENTART.	41574	
MG	4- 168	VAKUUM	13030	RA	2-1311	MOLEKUELE	52562		9- 866	STARKE WW.	41764	
ING WA	8- 131	LABORTECHN.	12570		8-2817	MAGNETOSPH.	91210	HOLLAND BW	9-2472	FK-SPEKTREN	73355	
UENGHEM JC	5-1071	KERN-SPEKTR.	42555		7- 796	KERN-MESSG.	40560		12-3028	FK-SPEKTREN	73365	
	10-1155	KERN-SPEKTR.	42565	HOFFMAN PINTHER P.				HJ	12-2438	THERMEIG.FK	67530	
	5-2360	LEITFHKG.FK	70053		11-1171	KERNREAKTIO	43008	J	12-2975	FK-SPEKTREN	73355	
	12-2832	PHOTOLEITG.	72510	HOFFMANN A	2-1602	KRISTALLE	65510	L	4- 150	VAKUUM	13010	
CE DC	10- 416	AKUSTIK	23560	B	4- 79	BUECHER	11040		7- 108	VAKUUM	13025	
P	8-2829	ASTROPHYSIK	93000	4-2374	DUENNE SCHI	74060			10-2080	KRIST.FEHL.	66079	
JC	5-2808	GEOMAGNET.	90470		4-2892	KOSM.PHYSIK	94565	MG	12- 141	VAKUUM	13016	
L	4-2224	LEITFHKG.FK	70024		10- 325	FELDTHEORIE	18048		4-2029	GITTERDYN.	67060	
	11-2543	LEITFHKG.FK	70024		12- 363	FELDTHEORIE	18048		5- 367	AKUSTIK	23570	
ES JR. RR	1-2739	LUFTHUELLE	90840	F	1- 538	MASER,LASER	28000	MW	4-1028	STARKE WW.	41790	
GB	7- 314	HYDRODYNAM.	23015		10-2639	FK-SPEKTREN	73360		11- 926	STARKE WW.	41790	
JN	6-1748	FLUESSIGK.	58570	G	7- 822	BESCHLEUNIG	41010	R	1-2020	DIELEKTRIKA	68020	
PE	3-1005	KERNREAKTIO	43010		7- 823	BESCHLEUNIG	41010		7-2129	DIELEKTRIKA	68050	
	4-1183	KERNREAKTIO	43010	H	10- 58	BUECHER	11000	RE	3- 925	KERN-SPEKTR.	42545	
	7-1201	KERNREAKTIO	43060		10-2241	MAGN.EIG.FK	69015	JM	4-1458	MOLEKUELE	52510	
	8-1186	KERNREAKTIO	43010	HJ	12-2082	FLUESSIGK.	58510		6- 583	KERN-MESSG.	40532	
	8-1227	KERNREAKTIO	43064		6-1409	PLASMA	57015		8-1146	KERN-SPEKTR.	42555	
	12-1366	KERNREAKTIO	43064	JC	10-1649	PLASMA	57017	T	9- 991	KERN-SPEKTR.	42570	
T	5- 653	OPT.INSTRUM	28553	K	2-2304	HALBLEITER	71570		5-1284	ATOME	52045	
WG	7-1442	MOLEKUELE	52547	KW	7-1523	ATOME	52045	HOLLANDSWORTH C.E.	4- 777	KERN-MESSG.	40505	
HERL G	12-2955	FK-SPEKTREN	73355		1-1081	KERN-SPEKTR.	42550		9- 641	KERN-MESSG.	40505	
HLI UT	6-2186	FK-SPEKTREN	73355	M	1-1328	KERNSTRHLG.	44035	HOLLEBEKE VAN M.				
WJR	6- 376	HF-TECHNIK	27530		3- 132	QUANTENTHEO	16526		12-1352	KERNREAKTIO	43050	
J	8-2494	FK-SPEKTREN	73335		3- 133	QUANTENTHEO	16526	HOLLECK G	5-1954	KRIST.FEHL.	66025	
	12-1616	MOLEKUELE	52534	RA	4-1577	POLYMERE	53542	HOLLEMAN GW	5-1392	MOLEKUELE	52534	
HAASEN H	3- 185	QUANTENTHEO	16582		7-2802	MAGNETOSPH.	91223	HOLLERAN EM	11-1858	GASE	58040	
	5- 156	QUANTENTHEO	16526	WF	12- 400	ELASTIZIT.	22530		11-1861	GASE	58040	
	7- 982	STARKE WW.	41764		1-2831	KOSM.PHYSIK	94520	RT	7- 601	OPT.INSTRUM	28520	
	9- 816	STARKE WW.	41725	HOFFMEISTER D	11- 389	TEILCH.OPT.	27016	WL	6- 627	BESCHLEUNIG	41010	
J	12-1310	KERNREAKTIO	43010	HOFFROGGE C	12- 380	MECHANIK	22032	JE	8-2458	FK-SPEKTREN	73315	
BERG L	11- 464	MASER,LASER	28055	HOFFSWELL RA	9-1073	KERNREAKTIO	43075	HOLLIER H	11-3494	HOEREN	96320	
S	1-1134	KERN-SPEKTR.	42565	A	3- 684	KERN-MESSG.	40532	JP	10-3090	KOSM.PHYSIK	94550	
	9- 660	KERN-MESSG.	40532		8- 772	KERN-MESSG.	40532		11-3440	KOSM.PHYSIK	94550	
T	8-2074	GITTERDYN.	67020		11-1303	KERNREAKTIO	43064	HOLLIS JEL	4-2362	HALBLEITER	71566	
B	9-2985	KOSM.PHYSIK	94550		11-1304	KERNREAKTIO	43064	HOLLIS HALLETT A.C.				
G	8-1038	STARKE WW.	41767		11-1898	FLUESSIGK.	58527		7-1697	FLUESSIGK.	58525	
DH	9-2770	LUFTHUELLE	90850	C	2- 618	PHYS.OPTIK	29076	HOLLISTER G	2-1238	MOLEKUELE	52516	
JH	11-1236	KERNREAKTIO	43050	F	1-1302	KERNSTRHLG.	44010	DG	12-1977	FLUESSIGK.	58530	
K	9- 776	ELEMENTART.	41574		6-1844	KRISTALLE	65574	H	2-2309	HALBLEITER	71510	
M	2-1756	KRIST.FEHL.	66030	G	10-1641	PLASMA	57010		12-2350	MECH.EIG.FK	66545	
	2-1757	KRIST.FEHL.	66030		10-1642	PLASMA	57010	L	11- 896	STARKE WW.	41773	
	9-2475	FK-SPEKTREN	73355	M	3-2688	GRENZFL.FK	74573	LE	11- 895	STARKE WW.	41770	
	10-2615	FK-SPEKTREN	73355		9- 662	KERN-MESSG.	40535	HOLLOWAY JR. W.W.				
STAD B	2- 959	KERN-SPEKTR.	42545		11- 600	KERN-MESSG.	40535		5-2647	OPT.EIG.FK	73640	
STRA P	6-2698	GRENZFL.FK	74520		11-3207	GRENZFL.FK	74573	HOLLOWEG JV	6-1754	FLUESSIGK.		

HOLM	R	7-1419	MOLEKUELE	52536	HONJO	G	1-1963	GITTERDYN.	67020	HORN	KP	1-1669	PLASMA	5
		12-1628	MOLEKUELE	52538			4-2566	DUENNE SCHI	74020			3-1585	FLUESSIGK.	5
HOLMAN III	WJ	12- 181	QUANTENTHEO	16516		O	1-2211	LEITFHGK.FK	70056		P	4-2838	PLANETEN	9
HOLMBERG	RW	7-2475	FK-SPEKTREN	73355	HONMA	A	12-2892	FK-SPEKTREN	73325	HORN VAN	HM	1- 157	QUANTENTHEO	1
HOLMES	E	8-2055	MECH.EIG.FK	66550	HONORAT	R	9- 94	VAKUUM	13028			1-2162	LEITFHGK.FK	7
	JJ	8-2002	KRIST.FEHL.	66070	HONOUR	J	5- 117	VAKUUM	13030	HORNBAKER	DR	11-3412	STERNE	9
	L	3-2492	FK-SPEKTREN	73325	HONTZEAS	S	9-1045	KERNREAKTIO	43054			7- 372	WAERME	2
		10-2243	MAGN.EIG.FK	69020	HONZATKO	J	8-1078	KERNSTRUKT.	42045			8- 467	WAERME	2
		11-2472	MAGN.EIG.FK	69060			8-1132	KERN-SPEKTR.	42545	HORNBERG	FH	10-1648	PLASMA	5
		11-2484	MAGN.EIG.FK	69060			8-1139	KERN-SPEKTR.	42550	HORNE	H	3-1582	FLUESSIGK.	5
	LP	5-1817	FLUESSIGK.	58568	HOOD	GM	6-2481	HALBLEITER	71585		RA	11-1940	FLUESSIGK.	5
	LS	4-1626	PLASMA	57020	HOODLESS	IM	4-1906	KRIST.FEHL.	66020	HORNER	H	1-1944	GITTERDYN.	6
	QA	5-1712	GASE	58040			9-2335	HALBLEITER	71585			3-1992	THERMEIG.FK	6
		9-1179	ATOME	52024			12-2822	HALBLEITER	71585		TS	10-2305	MAGN.EIG.FK	6
	R	11-1851	GASE	58025			6-2288	MAGN.EIG.FK	69095			8-1252	K-REAKTIOREN	4
HOLMES SIEDLE	A.G.				HOOF T	HA	6-2288	MAGN.EIG.FK	69095	HORNICK	C	11-1630	POLYMERE	5
		4-1961	KRIST.FEHL.	66076	HOOGLAND	W	11- 888	STARKE WW.	41764	HORNIG	DF	2-2484	FK-SPEKTREN	7
HOLMGREN	HD	9-1071	KERNREAKTIO	43075	HOOGSTRAATE	H	10-2654	FK-SPEKTREN	73370			5-1829	FLUESSIGK.	5
	SO	5- 983	STARKE WW.	41773	HOOI TONG	L	4- 204	QUANTENTHEO	16530	HORNREICH	R	2-2128	MAGN.EIG.FK	6
HOLMQVIST	B	1-1854	KRISTALLE	65576	HOOK	JL	11-3303	IONOSPHERE	91020			4-2204	MAGN.EIG.FK	6
		11-1217	KERNREAKTIO	43040			10-2637	FK-SPEKTREN	73360			8-2226	MAGN.EIG.FK	6
HOLMSTROEM	B	7- 406	WAERME	24060	HOOK VAN	HJ	10-1750	PLASMA	57266		RM	11-2525	MAGN.EIG.FK	6
		8-2089	THERMEIG.FK	67500			12-1797	PLASMA	57075			12-3106	OPT.EIG.FK	7
HOLMWOOD	RA	4-2562	DUENNE SCHI	74020	HOOKER	CA	12-1799	PLASMA	57075	HORNSTRUP	NW	10- 755	KERN-MESSG.	4
		6-2657	DUENNE SCHI	74040		LA	10-1571	MOLEKUELE	52562	HORNUNG	E	4-2188	MAGN.EIG.FK	6
HOLONYAK JR.	N	3-2513	FK-SPEKTREN	73330		MP	2-2661	GRENZFL.FK	74535			7-1706	FLUESSIGK.	5
		5-2476	HALBLEITER	71540			2-2662	GRENZFL.FK	74535			7-2176	MAGN.EIG.FK	6
		7-2390	PHOTOLEITG.	72510			9-2623	DUENNE SCHI	74010			3- 663	KERN-MESSG.	4
		11- 454	MASER,LASER	28050			12-3180	DUENNE SCHI	74020	HOROSHKO	RN	4-1103	KERN-SPEKTR.	4
HOLROYD	RA	4-1822	FLUESSIGK.	58570		WJ	3-1453	PLASMA	57253			4-1251	KERNREAKTIO	4
HOLSTEIN	T	8-2278	LEITFHGK.FK	70053	HOOLEY	B	10- 791	BESCHLEUNIG	41020			6- 927	KERN-SPEKTR.	4
HOLT	AR	9-1230	ATOME	52065		JG	3-1655	FK-SPEKTREN	73310	HOROWITZ	YS	11-1062	KERN-SPEKTR.	4
		12-1541	ATOME	52066	HOOPER	AM	8-2748	LUFTHUELLE	90810			2- 977	KERN-SPEKTR.	4
	DB	8- 528	TEILCH.OPT.	27040		HO	7-1973	MECH.EIG.FK	66514			3- 960	KERN-SPEKTR.	4
		9-2624	DUENNE SCHI	74010		9-2521	FK-SPEKTREN	73370			6- 591	KERN-MESSG.	4	
	EH	4-1643	PLASMA	57055	HOOPER JR.	CF	8-1634	PLASMA	57075			7- 782	KERN-MESSG.	4
		7-1575	PLASMA	57085			11-1659	PLASMA	57015	HORROCKS	DL	8-1751	FLUESSIGK.	5
		8-1567	PLASMA	57020	HOORY	SE	2-2651	GRENZFL.FK	74530			9- 992	KERN-SPEKTR.	4
	HE	12-3412	PLANETEN	93640			2-2665	GRENZFL.FK	74535			2-1572	FLUESSIGK.	5
	HK	6- 424	MASER,LASER	28055	HOOT	CG	11-1242	KERNREAKTIO	43050	HORSEY	JP	12-1109	STARKE WW.	4
		11-1432	ATOME	52045	HOOTON	BW	10-2052	KRIST.FEHL.	66062	HORSFELD	AE	8-1534	POLYMERE	5
		5-1963	KRIST.FEHL.	66025		IN	7- 733	KERN-MESSG.	40503	HORSLEY	JB	4-2119	FK-SPEKTREN	7
	JM	11- 935	KERNSTRUKT.	42010			7- 734	KERN-MESSG.	40503		RJ	9- 715	BESCHLEUNIG	4
	JR	12-1016	STARKE WW.	41725	HOOVER	JJ	9-1010	KERNREAKTIO	43026	HORSMAN	TE	7-2597	DUENNE SCHI	7
		12-1017	STARKE WW.	41725		WG	11-2259	THERMEIG.FK	67556	HORST	RB	1-2194	LEITFHGK.FK	7
	O	12-3303	GEOMAGNET.	90470	HOOMAYERS	HP	3-1441	PLASMA	57010	HORST VAN DER	C.J.O.			
HOLTEY VOM	G	12- 900	BESCHLEUNIG	41040			12-1726	PLASMA	57010			4-2910	SEHEN	9
HOLTHUIZEN	DJ	12- 836	KERN-MESSG.	40555	HOPE	LL	3-1939	GITTERDYN.	67060	HORSTMANN	M	12-2388	GITTERDYN.	6
HOLTMAYER	G	2-1630	KRISTALLE	65540			9-2454	FK-SPEKTREN	73340	HORTIG	G	10- 770	BESCHLEUNIG	4
		2-1631	KRISTALLE	65540	HOPER	JH	11-3119	DUENNE SCHI	74050	HORTON	CW	7-1576	PLASMA	5
HOLTON	G	7-1679	FLUESSIGK.	58510	HOPFIELD	JJ	1- 709	PHYS.OPTIK	29080			12-1786	PLASMA	5
		7-1726	FLUESSIGK.	58543			1-2464	FK-SPEKTREN	73325		GK	1-1947	GITTERDYN.	6
	JR	12- 460	HYDRODYNAM.	23095			8-2571	OPT.EIG.FK	73600			4-1976	MECH.EIG.FK	6
HOLTZ	MD	12-1294	KERN-SPEKTR.	42575			8-2577	OPT.EIG.FK	73605			10-1917	KRISTALLE	6
HOLTZBERG	F	9-1821	KRISTALLE	65588			10- 270	STATISTIK	17540			11- 45	UNTERRICHT	1
		11-2487	MAGN.EIG.FK	69060	HOPKE	PK	3- 975	KERN-SPEKTR.	42565			5- 519	HF-TECHNIK	2
		11-2634	SUPRALEITG.	70540	HOPKINS	BJ	1-2657	GRENZFL.FK	74563		JB	6-2977	KOSM.PHYSIK	9
HOLTZMAN	RB	12-2881	FK-SPEKTREN	73325			7-2647	GRENZFL.FK	74535		PW	9-2989	KOSM.PHYSIK	9
HOLUJ	F	4-2746	LUFTHUELLE	90890			7-2667	GRENZFL.FK	74563			12-3474	KOSM.PHYSIK	9
		5-2189	FK-SPEKTREN	73355			8-2693	GRENZFL.FK	74535	HORVATH	JJ	1- 288	FELDTHEORIE	1
		7-2478	FK-SPEKTREN	73355			11-3181	GRENZFL.FK	74555		JJ	4-2726	LUFTHUELLE	9
		9-2485	FK-SPEKTREN	73355			12-3238	GRENZFL.FK	74535		T	7-1895	KRIST.FEHL.	6
		9-2486	FK-SPEKTREN	73355		DF	2- 260	HYDRODYNAM.	23020			7-2137	MAGN.EIG.FK	6
HOLVERSON	EL	7-2372	HALBLEITER	71585		HWK	3- 788	STARKE WW.	41725	HORWITZ	G	7-2192	LEITFHGK.FK	7
HOLWECH	I	12-2623	LEITFHGK.FK	70024			4- 884	ELEMENTART.	41546			11-2347	MAGN.EIG.FK	6
HOLWEGER	H	6-2866	SONNENPHYS.	93314			6- 822	STARKE WW.	41767			11-2348	MAGN.EIG.FK	6
		11-3369	SONNENPHYS.	93322		JC	6-1045	KERNREAKTIO	43042		LP	5- 197	QU.FELDTHEO	1
HOLZ	A	2-2106	MAGN.EIG.FK	69040			10- 763	KERNSTRHLG.	44010			5- 984	STARKE WW.	4
		11-2384	MAGN.EIG.FK	69035			12-1615	MOLEKUELE	52530			7- 964	STARKE WW.	4
	DE	12- 197	QUANTENTHEO	16523	HOPKINS JR.	HP	8-2063	MECH.EIG.FK	66556		NH	8-1097	KERN-SPEKTR.	4
HOLZER	RH	4-2802	MAGNETOSPH.	91280			5-2173	FK-SPEKTREN	73370		P	4- 987	STARKE WW.	4
HOLZMAN	P	3-2457	PHOTOLEITG.	72510	HOPMAN	HJ	8-1622	PLASMA	57055	HOSEK	J	8- 854	ELEMENTART.	4
	RL	7-1144	KERNREAKTIO	43000	HOPMANN	HJ	5-2912	PLANETEN	93640	HOSEMANN	R	5-1506	POLYMERE	5
HOLZWARTH	G	11- 996	KERNSTRUKT.	42075			5-2920	STERNE	94000	HOSHAKA	K	7- 295	MECHANIK	2
HOMAN	DM	12-1144	KERNSTRUKT.	42010			7-2875	PLANETEN	93640			5-2204	FK-SPEKTREN	7
	JL	7- 762	KERN-MESSG.	40520			10-3024	PLANETEN	93640	HOSHINA	T	5-2656	OPT.EIG.FK	7
HOME	RW	4- 20	BIOGRAPHIE	10220	HOPP JR.	B	3-1028	KERNREAKTIO	43042			8-2535	FK-SPEKTREN	7
HOMER	JB	4-1522	MOLEKUELE	52575	HOPPE	R	5-1860	KRISTALLE	65530			8-2540	FK-SPEKTREN	7
	RJ	11- 916	STARKE WW.	41783		W	1- 507	TEILCH.OPT.	27030	HOSHINO	H	5-2512	THERMOELEKT	7
		12-1005	STARKE WW.	41725			2- 423	TEILCH.OPT.	27030			5-2513	THERMOELEKT	7
HOMER	H	8-1225	KERNREAKTIO	43064			5- 497	TEILCH.OPT.	27030		S	1-1963	GITTERDYN.	6
		10-1222	KERNREAKTIO	43044			7-1397	MOLEKUELE	52516			2-2132	MAGN.EIG.FK	6
		11-1037	KERN-SPEKTR.	42540	HOPPEL	WA	2-2762	LUFTHUELLE	90880			3-1997	THERMEIG.FK	6
HOMMA	K	3-2364	HALBLEITER	71510	HOPPMANN II	WH	3-1923	GITTERDYN.	67020			7-2120	DIELEKTRIKA	6
	S	1- 934	STARKE WW.	41760	HORA	H	4-2638	GRENZFL.FK	74570	HOSHIZAKI	N	2- 821	STARKE WW.	4
		5- 837	ELEMENTART.	41574			4-2639	GRENZFL.FK	74570			2- 898	KERNSTRUKT.	4
		8-1392	FK-SPEKTREN	73330	HORAK	J	8-2709	GRENZFL.FK	74570			8-1068	KERNSTRUKT.	4
	R	2- 26	BUECHER	11010			10-2524	PHOTOLEITG.	72510	HOSKING	RJ	1-1605	PLASMA	5
HOMMEL	R	6-1926	KRIST.FEHL.	66035			10-3142	STRAHL.BIOL	97000			2-1457	PLASMA	5
HOMOLA	JM	11- 295	HYDRODYNAM.	23020		JA	9-1885	KRIST.FEHL.	66060			6-1464	PLASMA	5
HOMSY	R	6-2028	MECH.EIG.FK	66545		Z	6-1256	MOLEKUELE	52512	HOSKINS	J	10-2913	LUFTHUELLE	9
	S	7-1795	KRISTALLE	65514	HORANI	M	4-1451	MOLEKUELE	52543			1-2192	LEITFHGK.FK	7
		2-1765	KRIST.FEHL.	66030	HORGAN	AM	6-2712	GRENZFL.FK	74535	HOSLER	WR	1-2230	HALBLEITER	7
		6-2588	OPT.EIG.FK	73635	HORI	GI	9- 255	MECHANIK	22010			3-2324	SUPRALEITER	7
HONDROS	ED	2-1733	KRIST.FEHL.	66020		S	3-1811	KRIST.FEHL.	66035			3-2376	HALBLEITER	7
		8-2685	GRENZFL.FK	74535		S	8- 893	ELEMENTART.	41572			6-2372	SUPRALEITER	7
HONE	D	4-2273	SUPRALEITG.	70510		T	12-2579	MAGN.EIG.FK	69060	HOSODA	M	6- 706	ELEMENTART.	4
		11-2361	MAGN.EIG.FK	69025		Y	7-1497	POLYMERE	53542	HOSOKAWA	M	5-1664	PLASMA	5
		12-1670	MOLEKUELE	52562	HORIE	Y	6-2136	THERMEIG.FK	67556	HOSONO	K	11-1333		

HOUCK - HUGHES

JR	10-2389	LEITFHGK.FK	70056	HOYLAND	JR	8-1381	MOLEKUELE	52510	HUBER	P	4-1256	KERNREAKTIO	43062	
R	2-1247	MOLEKUELE	52520	HOYLE	F	2-2874	KOSM.PHYSIK	94520			7-1174	KERNREAKTIO	43044	
	2-1278	MOLEKUELE	52524			3- 277	FELDTHEORIE	18060			12-1243	KERNSEKTR.	42555	
	6-1303	MOLEKUELE	52524			6-2954	KOSM.PHYSIK	94530		R	11-2023	KRISTALLE	65572	
YER	A	11- 584	KERN-MESSG.	40518		6-2972	KOSM.PHYSIK	94560		SF	5- 365	AKUSTIK	23550	
N	JT	4-1457	MOLEKUELE	52514		8-3021	KOSM.PHYSIK	94586		WK	1- 92	VAKUUM	13020	
		5-1380	MOLEKUELE	52516		11-3446	KOSM.PHYSIK	94550			7- 105	VAKUUM	13020	
		7-1398	MOLEKUELE	52516		12-3379	ASTROPHYSIK	93000	HUBER JR.	EE	3-2682	GRENZFL.FK	74563	
		7-1416	MOLEKUELE	52534		4-1505	MOLEKUELE	52528			6-2702	GRENZFL.FK	74530	
JH		8-1125	KERNSEKTR.	42545	HOYTINK	GJ	12-2625	LEITFHGK.FK	70060	HUBERT	A	6-2244	MAGN.EIG.FK	69035
PVC		11- 893	STARKE WW.	41767	HRACH	R	5-1162	KERNREAKTIO	43064			9-2109	MAGN.EIG.FK	69035
RL		3-2613	DUEENNE SCHI	74010	HRADIL	M	10- 781	BESCHLEUNIG	41010			11-2388	MAGN.EIG.FK	69035
TON	A	5-2398	SUPRALEITG.	70520	HRDA	A	12- 905	KOSM.PHYSIK	41040			11-2389	MAGN.EIG.FK	69035
		7-2257	SUPRALEITG.	70550	HRDLICKA	J	10-2214	DIELEKTRIKA	68020		D	2-1469	PLASMA	57279
		12-2697	SUPRALEITG.	70520	HRDY	J	11- 502	OPT-INSTRUM	28535			9-1445	PLASMA	57026
DD		9-2762	LUFTHUELLE	90840			11-2834	FK-SPEKTREN	73315		P	6-1557	PLASMA	57266
GK		1-1304	KERNSTRHLG.	44010	HREN	JJ	1- 512	TEILCH.OPT.	27035	HUBIN	M	7-2603	DUEENNE SCHI	74040
JT		5-1465	MOLEKUELE	52585			2-1689	KRISTALLE	65578			9- 64	LABORTECHN.	12520
RL		11-2945	FK-SPEKTREN	73370			3- 414	TEILCH.OPT.	27040	HUBSCH	J	6-2257	MAGN.EIG.FK	69040
ERG	K	12-1026	KERNREAKTIO	43042			4- 559	TEILCH.OPT.	27040			7-1854	KRISTALLE	65588
	T	3- 619	PHYS.OPTIK	29030			5- 506	TEILCH.OPT.	27040	HUC	J	11- 789	STARKE WW.	41725
DP		9-1463	PLASMA	57045			5-1856	KRISTALLE	65518	HUCHER	M	5-2768	GRENZFL.FK	74535
JCG		3-2118	MAGN.EIG.FK	69040	HRIANCA	I	3- 704	KERN-MESSG.	40582			11-2791	PHOTOLEITG.	72510
		11-2314	MAGN.EIG.FK	69010	HRIBAR	M	3- 293	HYDRODYNAM.	23010	HUCK	A	11- 634	KERN-MESSG.	40584
Z		4-2761	IONOSPHERE	91045	HRISTOV	D	11- 568	KERNPHYSIK	40000		J	1-2023	DIELEKTRIKA	68020
ANLIN	AM	1-1684	HYDRODYNAM.	23060		MI	11- 801	STARKE WW.	41725		RJ	10-1779	GASE	58020
NY	E	4-1241	KERNREAKTIO	43054	HRIVNAK	L	3-2252	LEITFHGK.FK	70072	HUCK JR.	FB	11-2449	MAGN.EIG.FK	69060
		11-2762	KERNREAKTIO	43054			7-2052	GITTERDYN.	67060	HUCKE	EE	10-1850	FLUESSIGK.	58546
FB		11-3282	LUFTHUELLE	90850	HRUBY	A	1-2341	HALBLEITER	71530	HUDOKLIN	A	1-2061	FK-SPEKTREN	73370
LL		1-1686	PLASMA	57260		J	5-1162	KERNREAKTIO	43064			5-1133	KERNREAKTIO	43040
		4-2821	SONNENPHYS.	93316	HRUSKA	K	9-1922	MECH.EIG.FK	66514	HUDSON	AC	8-2777	LUFTHUELLE	90860
		4-2822	SONNENPHYS.	93316			9-1978	GITTERDYN.	67060		ED	10- 817	BESCHLEUNIG	41040
		5-1268	ATOME	52040			12-2340	MECH.EIG.FK	66514		FR	1-1088	KERNSEKTR.	42550
RM		1-1953	GITTERDYN.	67020	HRVOIC	I	12- 581	HF-TECHNIK	27560			12-1233	KERNSEKTR.	42550
RM		7-1816	KRISTALLE	65545	HRYNKIEWICZ	AZ	5-1897	FK-SPEKTREN	73310		JB	5- 113	VAKUUM	13025
		7-2037	GITTERDYN.	67020			11-1023	KERNSEKTR.	42525		JL	9- 382	WAERME	24050
		11-2467	MAGN.EIG.FK	69060	HSIEH	EJ	12-3155	DUEENNE SCHI	74000			11- 295	HYDRODYNAM.	23020
		12-2392	GITTERDYN.	67020		HC	3-1335	PLASMA	57075		MC	11-1072	KERNSEKTR.	42550
		5- 492	TEILCH.OPT.	27016		S	6-2893	PLANETEN	93630		PD	10-3096	KOSM.PHYSIK	94550
B		11-1638	POLYMERE	53546		SY	11-2614	SUPRALEITG.	70520		RD	5-1309	ATOME	52075
B		1-2329	HALBLEITER	71520			12-2692	SUPRALEITG.	70540			7-1364	ATOME	52075
		6-2284	MAGN.EIG.FK	69070	HSU	CC	2- 677	BESCHLEUNIG	41030			9-1237	ATOME	52075
DH		1-1304	KERNSTRHLG.	44010			3-1071	KERNREAKTIO	43064			10-1480	ATOME	52075
JM		3- 82	LABORTECHN.	12580		CJ	7- 403	WAERME	24060		T	8-2745	LUFTHUELLE	90810
SK		9-1228	ATOME	52070		CT	12-1724	PLASMA	57010		WR	9- 370	WAERME	24030
		9-1229	ATOME	52070		EY	5- 347	HYDRODYNAM.	23060	HUDSPETH	EL	1-1206	KERNREAKTIO	43046
WY		6-2368	SUPRALEITG.	70520	FHH	1-1321	KERNSTRHLG.	44030	HUDZINSKI	RA	6-2654	DUEENNE SCHI	74040	
ON JR.	JB	2- 527	OPT-INSTRUM	28545	M	5- 535	MASER, LASER	28030	HUEBEL	H	6- 965	KERNSEKTR.	42560	
OUN	RA	11- 541	PHYS.OPTIK	29030	LS	1- 244	STATISTIK	17563			7- 771	KERN-MESSG.	40527	
AST	J	11-3363	SONNENPHYS.	93314		6- 889	KERNSTRUKT.	42070			8-1123	KERNSEKTR.	42545	
MAN	JA	10-2349	LEITFHGK.FK	70020	YC	5-1137	KERNREAKTIO	43044			11-1011	KERNSEKTR.	42510	
LINGEN VAN	D.				HCS	5-1603	PLASMA	57023	HUEBENER	RP	2-2416	THERMOLEKT.	70510	
		3-2345	SUPRALEITG.	70560			11-1754	PLASMA	57085			5-2417	SUPRALEITG.	70550
ET		7- 111	VAKUUM	13025	HSUE	ST	2- 961	KERNSEKTR.	42545			7-2289	SUPRALEITG.	70550
AUX	L	2-2859	STERNE	94020			8-1155	KERNSEKTR.	42560	HUEBENTHAL	K	1-1106	KERNSEKTR.	42555
YAN	L	1- 794	ELEMENTART.	41540	HSUEH	Y	4-2728	LUFTHUELLE	90840			1-1209	KERNREAKTIO	43092
		1- 843	STARKE WW.	41700	HU	BL	4- 633	MASER, LASER	28055			5-1071	KERNSEKTR.	42555
		2- 805	STARKE WW.	41740		CL	2-2506	OPT.EIG.FK	73610	HUEBNER	D	1- 725	KERN-MESSG.	40518
		3- 869	STARKE WW.	41780		CY	10-1389	ATOME	52010		HJ	8- 720	PHYS.OPTIK	29045
		4- 866	ELEMENTART.	41540		PN	10-1681	PLASMA	57050		K	2-2231	LEITFHGK.FK	70056
		4- 991	STARKE WW.	41760			12-1885	GASENTLADG.	57810			3-2238	LEITFHGK.FK	70056
		6- 736	STARKE WW.	41700	HUANG	SM	5-2700	DUEENNE SCHI	74010			6-2325	LEITFHGK.FK	70056
		6- 765	STARKE WW.	41725		AB	1-1714	GASE	58025		R	5- 836	ELEMENTART.	41574
		8- 956	STARKE WW.	41725			11- 284	HYDRODYNAM.	23020		RH	11-1600	MOLEKUELE	52580
		8-1017	STARKE WW.	41760			12- 310	STATISTIK	17523		U	7-2240	LEITFHGK.FK	70065
WKAMP	SG	11- 626	KERN-MESSG.	40582		CY	1-1818	KRISTALLE	65545		WF	5- 705	PHYS.OPTIK	29063
STADT	D	3- 902	KERNSEKTR.	42500			2-2545	FK-SPEKTREN	73325	HUEBSCHMANN	W	10-1334	K-REAKTOREN	43510
	V	2-1807	KRIST.FEHL.	66076			3-1915	GITTERDYN.	67010	HUEFNER	J	2- 993	KERNSEKTR.	42570
S JR.	WA	1- 621	OPT-INSTRUM	28530			5-1137	KERNREAKTIO	43044			6- 890	KERNSTRUKT.	42070
RD	AJ	1-1062	KERNSEKTR.	42545			5-2198	FK-SPEKTREN	73355		S	1-2462	FK-SPEKTREN	73325
	CG	3- 793	STARKE WW.	41725			9-2465	FK-SPEKTREN	73350			3-2492	FK-SPEKTREN	73325
		6- 811	STARKE WW.	41764			10-1121	KERNSEKTR.	42555			4-1870	FK-SPEKTREN	73310
	D	9-2666	GRENZFL.FK	74520			10-1936	KRISTALLE	65545	HUEHN	EA	4- 792	KERN-MESSG.	40520
	JK	3-1722	KRIST.FEHL.	66010			10-2157	KRISTALLE	65545		H	6- 484	OPT-INSTRUM	28545
		11-3058	DUEENNE SCHI	74010			11-1995	KRISTALLE	65545	HUEN	T	2-2194	LEITFHGK.FK	70024
JN		1-2725	LUFTHUELLE	90810			12-1251	KERNSEKTR.	42555	HUET	JL	12- 867	BESCHLEUNIG	41020
R		5-2894	SONNENPHYS.	93320			12-2379	GITTERDYN.	67010		M	4-1383	MOLEKUELE	52575
		8-2858	SONNENPHYS.	93324			12-2559	MAGN.EIG.FK	69045		P	4-1609	PLASMA	57050
		12-3420	PLANETEN	93650			10- 406	AKUSTIK	23530	HUETTNER	W	9-1394	MOLEKUELE	52510
RE		4-2573	DUEENNE SCHI	74040			12-1040	STARKE WW.	41740	HUETZ	J	1-1761	FLUESSIGK.	58590
WE		1-2160	MAGN.EIG.FK	69080		K	12-1054	KERNSEKTR.	42540			5-1774	FLUESSIGK.	58540
		1-2468	FK-SPEKTREN	73325		KK	7-2147	MAGN.EIG.FK	69025		HR	12-2650	LEITFHGK.FK	70045
		6-2476	HALBLEITER	71580		NL	10-2262	MAGN.EIG.FK	69025	HUFF	RM	12- 747	PHYS.OPTIK	29060
		11-2205	MECH.EIG.FK	66556			6- 864	STARKE WW.	41790	HUFFAKER	E	5- 897	STARKE WW.	41730
RF		8- 539	TEILCH.OPT.	27068			8-3017	KOSM.PHYSIK	94586	HUFFER		11- 888	STARKE WW.	41764
FA		9- 699	BESCHLEUNIG	41020	HUBBARD	SS	4-1972	MECH.EIG.FK	66514		AH	12-1313	KERNREAKTIO	43012
HH		12-3353	IONOSPHERE	91045		YK	9-2875	PLANETEN	93610		DR	1-2479	FK-SPEKTREN	73325
		6-2919	STERNE	94025		EC	8- 401	HYDRODYNAM.	23060		GP	3-1792	KRIST.FEHL.	66035
LM		6-1975	KRIST.FEHL.	66060		HH	5-2302	LEITFHGK.FK	70010			6-1860	MAGN.EIG.FK	69060
MS		8- 376	HYDRODYNAM.	23020		J	10-2273	MAGN.EIG.FK	69030		RE	1-1355	ATOME	52024
		12- 447	HYDRODYNAM.	23050		LB	7-1154	KERNREAKTIO	43012			4-1501	MOLEKUELE	52526
RA		6-1702	FLUESSIGK.	58550		R	1-1457	MOLEKUELE	52516	HUG	WF	5-1250	ATOME	52024
S		9-2638	DUEENNE SCHI	74040		WN	8- 457	WAERME	24040	HUGELIN	B	7-1487	POLYMERE	53530
HB		8-1829	DISP.SYST.	59540	HUBBELL	WC	7-2309	HALBLEITER	71510	HUGENHOLTZ	NH	4- 297	STATISTIK	17530
TF		7-2753	LUFTHUELLE	90860	HUBER	B	2- 634	KERN-MESSG.	40512	HUGENTOBLE	E	2-1043	KERNREAKTIO	43050
		8-2742	KOSM.STRLG.	90660			9-1008	KERNREAKTIO	43024	HUGGETT	RW	3- 871	STARKE WW.	41783
LLS	GM	1-2593	DUEENNE SCHI	74010		DL	1-1429	ATOME	52075	HUGGINS	FO	12-2163	KRISTALLE	65572
	RJW	2- 806	STARKE WW.											

HUGHES	DG	9-2526	FK-SPEKTREN	73370	HUMPHREY	BL	7- 38	TAGUNGEN	10550	HUSAIN	L	12-1342	KERNREAKTIO
	DM	11- 968	KERNSTRUKT.	42040	HUMPHREYS	CJ	1-1352	ATOME	52024	HUSEK	M	6-1794	KRISTALLE
	DJ	4-2547	DUENNE SCHI	74010		FJ	7-1916	KRIST.FEHL.	66035	HUSHAMN	OK	1-2658	GRENZFL.FK
		10-2774	DUENNE SCHI	74040		R	3-2730	KOSM.STRLG.	90610	HUSON	R	2- 789	STARKE WW.
	DS	3-1886	MECH.EIG.FK	66550	HUNAERTS	J	4-1473	MOLEKUELE	52524	HUSSAIN	F	1- 813	ELEMENTART.
	EB	3- 737	ELEMENTART.	41546	HUNDESHAGEN	H	10-3150	STRAHL.BIOL	97010			8- 950	STARKE WW.
		9- 740	ELEMENTART.	41546	HUNDHAUSEN	AJ	1-2777	MAGNETOSPH.	91280			12- 928	ELEMENTART.
	EJ	12-1704	POLYMERE	53510			5-2873	MAGNETOSPH.	91280		SM	5-1125	KERNREAKTIO
		12-2204	KRISTALLE	65588			7-2821	MAGNETOSPH.	91280	HUSSON	JP	10-1156	KERNSPEKTR.
	HG	3-2810	LUFTHUELLE	90880			7-2822	MAGNETOSPH.	91280		R	1-1941	MECH.EIG.FK
	I	6- 835	STARKE WW.	41770		HJ	9-2863	SONNENPHYS.	93340	HUSSTAD	B	10-2778	DUENNE SCHI
		6- 836	STARKE WW.	41770			12-3399	SONNENPHYS.	93395	HUST	JG	3- 56	MESSEN
		8- 968	STARKE WW.	41730	HUNG	RJ	3-1375	PLASMA	57050	HUSTER	E	6- 977	KERNSPEKTR.
	IS	11- 902	STARKE WW.	41775		YC	10-2087	MECH.EIG.FK	66514	HUTCHEON	DA	10-1089	KERNSPEKTR.
	JJ	2- 445	HF-TECHNIK	27540	HUNSUCKER	RD	2-2791	IONOSPHERE	91050		RM	6- 922	KERNSPEKTR.
	JL	4- 610	MASER,LASER	28030	HUNT	BL	4-1699	PLASMA	57090			8-1195	KERNREAKTIO
	JWB	10-1395	ATOME	52010			5-1729	GASE	58060			8-1196	KERNREAKTIO
	K	9-1660	FLUESSIGK.	58530		BW	9- 338	HYDRODYNAM.	23070			12-1324	KERNREAKTIO
		9-1661	FLUESSIGK.	58530		ER	3-2162	MAGN.EIG.FK	69065			9-2076	MAGN.EIG.FK
	LB	3- 953	KERNSPEKTR.	42555			6-2171	FK-SPEKTREN	73370	HUTCHINGS	MT	11-2317	MAGN.EIG.FK
		5-1050	KERNSPEKTR.	42545			10-2320	MAGN.EIG.FK	69065			11-2914	FK-SPEKTREN
	RH	6-1213	ATOME	52070		GR	7- 705	PHYS.OPTIK	29060			12-2946	FK-SPEKTREN
		7-1333	ATOME	52065		JCR	8-1597	PLASMA	57045	HUTCHINSON	DA	10-2700	OPT.EIG.FK
		9-1215	ATOME	52065		JL	7- 595	OPT.INSTRUM	28510		JMR	3- 952	KERNSPEKTR.
		10-1577	MOLEKUELE	52575		JT	5-2222	MAGN.EIG.FK	69020		JW	11- 261	ELASTIZIT.
	RS	3-2516	FK-SPEKTREN	73330		JW	2-1595	FLUESSIGK.	58573		LC	4-1915	KRIST.FEHL.
	TH	9- 284	HYDRODYNAM.	23020		RH	2- 517	OPT.INSTRUM	28530		P	1-1728	FLUESSIGK.
	VA	6-2946	KOSM.PHYSIK	94520		RP	2-2067	MAGN.EIG.FK	69015			6-1647	FLUESSIGK.
		6-2947	KOSM.PHYSIK	94520			4-2594	DUENNE SCHI	74060		TE	7-2579	DUENNE SCHI
		9-2988	KOSM.PHYSIK	94550		WE	3-1084	KERNREAKTIO	43080		WD	5-1515	POLYMERE
	VM	3-1140	MOLEKUELE	52543			3-1085	KERNREAKTIO	43080		WG	7-2437	FK-SPEKTREN
	VW	7- 866	ELEMENTART.	41550	HUNTEN	DM	4- 25	BIOGRAPHIEN	10230	HUTCHISON	RE	3-1858	MECH.EIG.FK
		7-1482	MOLEKUELE	52590			7-2864	PLANETEN	93612		BO	3-1592	FLUESSIGK.
		9- 771	ELEMENTART.	41574			8-2874	PLANETEN	93612	HUTH		5-2607	FK-SPEKTREN
		10- 872	ELEMENTART.	41574			9-2871	PLANETEN	93612			10- 614	MASER,LASER
		11-1027	KERNSPEKTR.	42555			11-3287	LUFTHUELLE	90870			11- 441	MASER,LASER
		11-1420	ATOME	52027			11-3304	IONOSPHERE	91020			12-2935	FK-SPEKTREN
	WF	7-2820	MAGNETOSPH.	91280	HUNTER	DL	8-2176	MAGN.EIG.FK	69025	HUTSISHVILI	GR	10-2611	FK-SPEKTREN
HUGHEY	LR	1-2426	PHOTOLEITG.	72500		FD	8-1900	KRISTALLE	65584	HUTSON	AR	3-1894	MECH.EIG.FK
HUGILL	J	8-2792	IONOSPHERE	91020		G	1-1445	MOLEKUELE	52512		R	12-1382	KERNREAKTIO
		12-3346	IONOSPHERE	91020			1-1446	MOLEKUELE	52512	HUTTER	RGE	9- 453	TEILCH.OPT.
HUGON	M	9-2847	SONNENPHYS.	93322		IC	3-1784	KRIST.FEHL.	66030	HUTTON	JL	1-1248	KERNREAKTIO
HUGUENIN	P	7- 904	STARKE WW.	41725		JL	6-1381	POLYMERE	53540		R	6-2824	IONOSPHERE
HUGUES	E	4- 653	OPT.INSTRUM	28500		LM	4-1545	PLASMA	57010			6-2825	IONOSPHERE
HUGUET	M	1-1107	KERNSPEKTR.	42555		SC	8-2032	MECH.EIG.FK	66514	HUXLEY	AS	2-1554	FLUESSIGK.
		2- 643	KERN-MESSG.	40520		TF	9-1862	KRIST.FEHL.	66030		LGH	10-1757	GASENTLADG.
		2- 647	KERN-MESSG.	40538		WR	4-2593	DUENNE SCHI	74060	HUYNH	CT	11- 621	KERN-MESSG.
		5-1059	KERNSPEKTR.	42550			7- 704	PHYS.OPTIK	29060		VD	3-1032	KERNREAKTIO
		6- 579	KERN-MESSG.	40520			8- 682	OPT.INSTRUM	28595			5-1101	KERNSPEKTR.
HUHN	D	12- 695	OPT.INSTRUM	28570	HUNTER JR.	JH	10-3116	KOSM.PHYSIK	94583	HUZINAGA	S	5-1354	MOLEKUELE
HUI	WLC	2-2418	THERMOELEKT	72010			11-3408	STERNE	94040	HVELPLUND	P	8-1983	KRIST.FEHL.
HUIE	RE	12-1688	MOLEKUELE	52575	HUNTINGTON	HB	3-1831	KRIST.FEHL.	66065		RC	11-1594	MOLEKUELE
HUISKAMP	WJ	3-1971	THERMEIG.FK	67510			3-1832	KRIST.FEHL.	66065	HWA		5- 163	QUANTENTHEO
		6-2109	THERMEIG.FK	67510		RD	1-2676	GRENZFL.FK	74583		RC	6- 145	QUANTENTHEO
HUIZENGA	JR	3- 926	KERNSPEKTR.	42545	HUNTLEY	DJ	3-2005	DIELEKTRIKA	68020	HWANG	C	7- 979	STARKE WW.
		5-1185	KERNREAKTIO	43092			8-2013	KRIST.FEHL.	66076		CF	5-2187	FK-SPEKTREN
		11-1342	KERNREAKTIO	43090	HUNTOON	RD	4- 110	MESSEN	12215		CJ	6-2598	OPT.EIG.FK
HUKE	K	8- 826	BESCHLEUNIG	41040	HUNTZICKER	JJ	11-1997	KRISTALLE	65545			11-3031	DPT.EIG.FK
HUKUDA	K	11- 428	HF-TECHNIK	27560	HUNYADI	I	6-1043	KERNREAKTIO	43040		CL	7-1526	PLASMA
HULD	B	11- 734	ELEMENTART.	41563	HUNZIKER	W	4- 255	QUANTENTHEO	16588		UP	7-1526	PLASMA
HULDT	L	7- 725	PHYS.OPTIK	29080			8- 218	QUANTENTHEO	16572	HYACINTHE	JL	2-2703	ERDKOERPER
HULEK	Z	1- 93	VAKUUM	13020			12- 174	MATH.PHYSIK	16040	HYDE	BO	6-1938	KRIST.FEHL.
		6- 77	VAKUUM	13025	HUO	WM	3-1206	MOLEKUELE	52512		EK	3- 987	KERNSPEKTR.
HULET	EK	5-1251	ATOME	52024			5-1362	MOLEKUELE	52512			4-1151	KE...SPEKTR.
		12-1296	KERNSPEKTR.	42575			5-1363	MOLEKUELE	52512			10-1159	KE...SPEKTR.
HULETT	HR	6- 497	OPT.INSTRUM	28566	HUPPERT	HE	8- 399	HYDRODYNAM.	23060		JS	7-1440	MOLEKUELE
HULIN	M	3-1902	GITTERDYN.	67010			12- 406	HYDRODYNAM.	23000			9-1326	MOLEKUELE
		8-2262	LEITFHGK.FK	70026	HUQ	A	6-1079	KERNREAKTIO	43060	HYDER	CL	9-2858	SONNENPHYS.
HULL	D	1-1886	KRIST.FEHL.	66035		M	3- 792	STARKE WW.	41725		SB	4-1885	KRISTALLE
		6-2046	MECH.EIG.FK	66545			8- 941	STARKE WW.	41720	HYDER JR.	A	2- 956	KERNSPEKTR.
	GW	5-2257	MAGN.EIG.FK	69040			12-1075	STARKE WW.	41753	HYGH	EH	8-2252	LEITFHGK.FK
		8-2345	SUPRALEITG.	70550	HUQUE	MM	11-1947	FLUESSIGK.	58573			8-2253	LEITFHGK.FK
		12-2717	SUPRALEITG.	70540	HURD	CH	1-2145	MAGN.EIG.FK	69060	HYLAND	RW	1-1720	GASE
HULL JR.	GW	6-2373	SUPRALEITG.	70530			2-2029	FK-SPEKTREN	73355	HYMAN	E	8-1031	STARKE WW.
	MM	4-1050	KERNSTRUKT.	42060			2-2313	HALBLEITER	71520		HH	12-1638	MOLEKUELE
		4-1051	KERNSTRUKT.	42060			6-2254	MAGN.EIG.FK	69040		LG	3- 697	KERN-MESSG.
HULM	JK	1-2378	SUPRALEITG.	70540			8-2214	MAGN.EIG.FK	69065			10- 990	STARKE WW.
		3-2321	SUPRALEITG.	70550		RA	4- 721	PHYS.OPTIK	29030			10-1010	STARKE WW.
		10-2150	GITTERDYN.	67060	HURDUS	MM	5-1186	KERNREAKTIO	43092	HYNDMAN	RD	12-1056	STARKE WW.
		11-2623	SUPRALEITG.	70540	HURET	J	9-2242	SUPRALEITG.	70550			6-2767	GEOMAGNET.
		12-2705	SUPRALEITG.	70530	HURLBUT	FC	6-2694	GRENZFL.FK	74520	HYNES	R	9- 476	HF-TECHNIK
HULPKE	E	7-1968	KRIST.FEHL.	66079			12- 416	HYDRODYNAM.	23020	HYODO	SI	7-1795	KRISTALLE
HULSE	WM	7-2767	IONOSPHERE	91020	HURLE	DTJ	11-1913	FLUESSIGK.	58540				
HULSIZER	RI	12-1028	STARKE WW.	41730		IR	6- 272	HYDRODYNAM.	23060				
HULSMAN	H	3-1510	GASE	58025	HURLEY	AC	9- 346	AKUSTIK	23520				
HULST VAN DE H.C.							6-1312	MOLEKUELE	52570				
		8-2958	KOSM.PHYSIK	94510		J	2- 94	QUANTENTHEO	16526				
HULSTEYN VAN D.B.							3-2842	MAGNETOSPH.	91230				
		3-1342	PLASMA	57033		JP	7- 765	KERN-MESSG.	40520	IACOMI	RS	10-2489	HALBLEITER
HULTGREN	R	1-1733	FLUESSIGK.	58520		PM	1-2680	ERDKOERPER	90210	IANNARELLA	L	5-1893	FK-SPEKTREN
HULTQUIST	PF	3- 606	PHYS.OPTIK	29010			10-2831	ERDKOERPER	90210	IANNUCCI	A	12-2204	KRISTALLE
HULTQVIST	B	12-3350	IONOSPHERE	91040			10-2832	ERDKOERPER	90250	IANNUZZI	M	2-1446	PLASMA
HULTSCHIG	H	11- 754	ELEMENTART.	41576		RE	9- 85	VAKUUM	13020			9-1712	FLUESSIGK.
HUM	DM	10-2366	LEITFHGK.FK	70024	HURRAULT	JP	4-2294	SUPRALEITG.	70530	IBARAKI	M	10-1714	PLASMA
	RH	3-2178	MAGN.EIG.FK	69075	HURRELL	JP	10-2604	FK-SPEKTREN	73340		Y	7-2071	GITTERDYN.
HUMAN	HGC	7-1305	ATOME	52024			10-2670	FK-SPEKTREN	73375			3- 705	KERN-MESSG.
HUMBLE	P	2-1767	KRIST.FEHL.	66035	HURSEY	KH	12- 163	VAKUUM	13050	IBARRA JR.	H	2- 654	KERN-MESSG.
		2-1768	KRIST.FEHL.	66035	HURST	CA	7- 230	STATISTIK	17526	IBBETSON	A	12- 418	HYDRODYNAM.
		3-1682	KRISTALLE	65574		GS	6-1317	MOLEKUELE	52580	IBBETT	RN	9- 557	OPT.INSTRUM
		6-1956	KRIST.FEHL.	66035			8-1489	MOLEKUELE	52580			12- 669	OPT.INSTRUM
		4-1178	KERNREAKTIO	43008			8-1580	PLASMA	57030	IBBOTT	GS	11- 627	KERN-MESSG.
HUMBLET	J	10- 483	ELEKTRIZIT.	26095		RP	1-1447	MOLEKUELE	52512	IBELE	WE	7-1506	PLASMA
HUME	DM	8-1212	KERNREAKTIO	43054			3-1146	ATOME	52010			8- 465	WAERME
HUMES	RM	7-2764	LUFTHUELLE	90870			4-1380	ATOME	52010			9- 386	WAERME
HUMI	M	7-2872	PLANETEN	93630			11-1392	ATOME	52010				

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S	2-2520 OPT.EIG.FK	73610	IIZUKA	T	3-1776 KRIST.FEHL.	66025	IMBERT	E	2- 205 FELDTHEORIE	18020
	3-2638 DUENNE SCHI	74040			8-1973 KRIST.FEHL.	66035			5- 681 PHYS.OPTIK	29040
	3-2652 DUENNE SCHI	74060			10-2641 FK-SPEKTREN	73360			9- 620 PHYS.OPTIK	29050
	10-2585 FK-SPEKTREN	73325			12-2287 KRIST.FEHL.	66035			11- 376 ELEKTRODYN.	26330
	11-3042 OPT.EIG.FK	73645			12-2288 KRIST.FEHL.	66035		P	2-1661 FK-SPEKTREN	73310
B	5-1735 FLUESSIGK.	58510			8-1098 KERNSPEKTR.	42515			2-2131 MAGN.EIG.FK	69050
WAWA	10-2738 OPT.EIG.FK	73655	IKEDA	A	5-1032 KERNSPEKTR.	42515			3-1659 FK-SPEKTREN	73310
SK	3-1424 PLASMA	57093		K	6- 186 STATISTIK	17526			10-2536 FK-SPEKTREN	73310
	11-2873 FK-SPEKTREN	73330			6- 187 STATISTIK	17526	IMBUSCH	A	1-2591 DUENNE SCHI	74010
RU	3-1391 PLASMA	57060			11-1041 KERNSPEKTR.	42540	GF		4-2110 FK-SPEKTREN	73355
	9-1488 PLASMA	57060		M	8-1063 KERNSTRUKT.	42010			9-2413 FK-SPEKTREN	73325
	9-1503 PLASMA	57080			8-1067 KERNSTPIKT.	42010			9-2490 FK-SPEKTREN	73355
	12-1783 PLASMA	57060			10- 910 STARKE-WW.	41725			11-2848 FK-SPEKTREN	73325
ESCU	8-2655 DUENNE SCHI	74040			11-2176 MECH.EIG.FK	66540	IMELIK	B	2-2019 FK-SPEKTREN	73370
MYA	10-2770 DUENNE SCHI	74020		S	1-1809 KRISTALLE	65514	IMENKOV	AN	2-1870 MECH.EIG.FK	66556
R	2-1936 THERMEIG.FK	76530		T	3-2018 DIELEKTRIKA	68030	IMGRUND	H	9-2250 METAL.LEITG	71010
T	2-1421 PLASMA	57203			6-1866 KRISTALLE	65588	IMLAY	RL	3- 737 ELEMENTART.	41546
HE	10-2828 GRENZFL.FK	74550			9- 425 ELEKTRIZIT.	26016			9- 740 ELEMENTART.	41546
MAGI	10-1827 FLUESSIGK.	58525	IKEGAMI	H	5-1664 PLASMA	57266	IMOTO	M	6- 667 ELEMENTART.	41540
M	10-1828 FLUESSIGK.	58525			6-1516 PLASMA	57093	IMRE	K	4- 298 STATISTIK	17530
	3-1405 PLASMA	57206		S	2-1970 DIELEKTRIKA	68020			8-1644 PLASMA	57085
ENKO	G				10-2225 DIELEKTRIKA	68050		L	10- 712 PHYS.OPTIK	29060
	12- 260 QUANTENTHEO	16582	IKENOUE	J	3- 573 OPT.INSTRUM	28545	IMRIE	D	5-1127 KERNREAKTIO	43032
	12-2486 DIELEKTRIKA	68020		JI	11- 442 MASER,LASER	28040			12- 972 ELEMENTART.	41578
	2-1429 PLASMA	57023	KEYA	M	2-1809 KRIST.FEHL.	66076			12- 973 ELEMENTART.	41578
K	EF				2-2049 FK-SPEKTREN	73355		DC	11-1253 KERNREAKTIO	43052
RA	T				2-2558 OPT.EIG.FK	73365	IMSHENNIK	VS	9-3001 KOSH.PHYSIK	94570
	3-1416 PLASMA	57085	KEZAWA	M	5-1664 PLASMA	57266	IMURA	T	12-2626 LEITFHGK.FK	70024
	6-1477 PLASMA	57055	KEZI	H	8-1642 PLASMA	57085	IN	KK	8-1047 STARKE WW.	41775
	2-1802 KRIST.FEHL.	66076			10-1706 PLASMA	57080	INABA	H	1- 559 MASER,LASER	28045
	3-1893 MECH.EIG.FK	66553			10-1713 PLASMA	57085			4- 688 OPT.INSTRUM	28566
OK	M				11-1743 PLASMA	57080	INAMI	YH	2- 692 ELEMENTART.	41510
	U				12-1805 PLASMA	57080		T	7- 802 KERN-MESSG.	40570
	M				8-2859 SONNENPHYS.	93324	INAMURA	T	4-1779 FLUESSIGK.	58530
					10-2971 SONNENPHYS.	93324			8-1160 KERNSPEKTR.	42560
TTI	G		IKHANSOV	RN	2-2364 HALBLEITER	71540			11-1244 KERNREAKTIO	43050
	U		IKOMA	H	3-2411 HALBLEITER	71540	INAKKA	K	12-1866 PLASMA	57235
	VM				5-2487 HALBLEITER	71540	INBAR	A	12- 156 VAKUUM	13030
	LD				7-2317 HALBLEITER	71520	INCESU	T	7-1306 ATOME	52027
VA	Y		IKONNIKOV	T	8-2393 HALBLEITER	71540	INDEBETOU	G	10- 670 OPT.INSTRUM	28570
V	GA		IKONNIKOVA	YM	3-1351 PLASMA	57040	INDENBOM	VL	3-1744 KRIST.FEHL.	66015
	EM			GH	4-1926 KRIST.FEHL.	66030			7-1929 KRIST.FEHL.	66035
					6-1965 KRIST.FEHL.	66035			8-1971 KRIST.FEHL.	66035
SHI	A		IKONOPISOV	S	7-2558 OPT.EIG.FK	73645	INDIRA	B	4-1030 STARKE WW.	41790
	M		IKORNIKOVA	NY	6-1823 KRISTALLE	65545	INDOVINA	PL	1-1763 FLUESSIGK.	58540
	T		IKUSHIMA	A	3-1936 GITTERDYN.	67060	INDYKUL	VP	7-1583 PLASMA	57250
	Y			H	11-2621 SUPRALEITG.	70540	INFANTE	C	8- 93 UNTERRICHT	12055
					2-2348 HALBLEITER	71530	INFELD	E	9-1504 PLASMA	57080
	N				8-2537 FK-SPEKTREN	73355		L	3- 259 FELDTHEORIE	18020
	K		IKUTA	K	5- 95 LABORTECHN.	12580			10- 24 BIOGRAPHIEN	10216
				S	8- 821 BESCHLEUNIG	41030	ING JR.	SW	1-1808 KRISTALLE	65512
			ILAMED LEHRER	Y.			INGALLS	AL	11- 520 OPT.INSTRUM	28570
					10- 747 KERN-MESSG.	40580		R	4-1853 KRISTALLE	65540
					10- 748 KERN-MESSG.	40580		RP	10-2984 PLANETEN	93612
			ILBERG	D	7- 815 KERN-MESSG.	40584	INGARD	U	12- 361 FELDTHEORIE	18048
				W	12- 862 KERN-MESSG.	40584			1-1625 PLASMA	57080
					1- 43 BUECHER	11010			1-1640 PLASMA	57080
			ILIAS	D	2-2796 IONOSPHAERE	91060			2- 314 AKUSTIK	23540
			ILICHEV	VI	7- 354 HYDRODYNAM.	23070			2-1594 FLUESSIGK.	58573
			ILIE	P	1- 459 ELEKTRIZIT.	26012			3-1484 PLASMA	57055
					12- 507 ELEKTRIZIT.	26012			5-1592 PLASMA	57080
			ILIENKO	BP	6-1558 PLASMA	57266			7- 362 AKUSTIK	23540
					8- 534 TEILCH.OPT.	27058			9-1710 FLUESSIGK.	58573
			ILIESCU	E	5-1151 KERNREAKTIO	43052			12-1809 PLASMA	57080
				N	7-1936 KRIST.FEHL.	66060	INGARDEN	RS	7- 522 MASER,LASER	28000
					8-1735 FLUESSIGK.	58520			12- 593 MASER,LASER	28035
			ILIEV	I	2-1441 PLASMA	57235	INGEBRETSEN	F	12- 796 KERN-MESSG.	40520
			JLIN	AA	9- 52 MESSEN	12220	INGEBRIGTSEN	K.A.		
				GG	5-1283 ATOME	52045			1- 320 ELASTIZIT.	22530
				VA	2- 505 BIOGRAPHIEN	10212	INGEMARSSON	A	2- 959 KERNSPEKTR.	42545
				VE	8-2615 OPT.EIG.FK	73640	INGERSLEV	F	8- 430 AKUSTIK	23550
					12-3126 OPT.EIG.FK	73635	INGHAM	MF	8-2912 PLANETEN	93650
				VS	4- 463 AKUSTIK	23570	INGHRAM	MG	4-1400 ATOME	52075
			ILINA	MA	2-2555 OPT.EIG.FK	73670	INGLE	RW	12- 767 KERN-MESSG.	40505
			ILINSKII	AI	4-2568 DUENNE SCHI	74030	INGLESAKIS	G	6-1530 PLASMA	57206
			ILIOPOULOS	J	1- 809 ELEMENTART.	41546	INGRAHAM	RL	1- 126 QUANTENTHEO	16516
					5- 868 STARKE WW.	41710	INGRAHAM	DJE	4-1564 HF-TECHNIK	27560
					8- 937 STARKE WW.	41710	INGRAM	FD	11-1006 KERNSPEKTR.	42500
			ILISAVSKII	YV	10-2158 GITTERDYN.	67060	INKINEN	O	2-1697 KRISTALLE	65584
			ILJIN	VD	6-2847 MAGNETOSPH.	91230			2-1705 KRISTALLE	65584
			ILJINSKY	AS	3- 444 HF-TECHNIK	27530	INMAN	DL	11-3225 ERDKOERPER	90260
			ILLINGER	KH	3-1258 MOLEKUELE	52562		RM	10- 436 WAERME	24060
			ILLY	H	9-1687 FLUESSIGK.	58555	INN	ECY	12-1662 MOLEKUELE	52560
			ILSCHNER	B	2-1838 MECH.EIG.FK	66545	INNES	FR	2- 920 KERNSTRUKT.	42070
			ILYASOV	AS	6-1104 KERNSPEKTR.	42560			4-1492 MOLEKUELE	52524
				AZ	11-1079 KERNSPEKTR.	42550			10-1384 ATOME	52010
					11-1121 KERNSPEKTR.	42560		KK	5-1377 MOLEKUELE	52510
			ILYIN	RG	11-1784 PLASMA	57210		R	9-2884 PLANETEN	93620
				GN	9-1377 MOLEKUELE	52575	INNOCENTI	PG	5- 965 STARKE WW.	41764
			ILYUKHIN	VV	2-1707 KRISTALLE	65584			11- 812 STARKE WW.	41735
					6-1856 KRISTALLE	65584	INO	H	8-1873 FK-SPEKTREN	73310
			ILYUKOVICH	AM	11- 359 ELEKTRIZIT.	26010		N	1-1889 KRIST.FEHL.	66035
			ILYUZSHENKO	VI	8-1180 KERNSPEKTR.	42575		S	2-2600 DUENNE SCHI	74020
			IMACHI	M	1- 845 STARKE WW.	41700			9-1805 KRISTALLE	65574
					8- 928 STARKE WW.	41700		T	3- 775 STARKE WW.	41700
					8-1023 STARKE WW.	41760	INOBUCHI	T	4-2458 FK-SPEKTREN	73330
			IMAEDA	K	10-2867 KOSH.STRLG.	90630	INOKUCHI	H	5-2598 FK-SPEKTREN	73330
					11- 907 STARKE WW.	41780			7- 644 OPT.INSTRUM	28550
			IMAGAWA	H	7-1715 FLUESSIGK.	58530	INOKUTI	M	7-1477 MOLEKUELE	52580
			IMAI	H	7-2639 GRENZFL.FK	74535			8-1336 ATOME	52060
				I	1-2098 FK-SPEKTREN	73365			9-1211 ATOME	52040
				M	9- 268 MECHANIK	22050	INOMATA	A	7-2336 HALBLEITER	71540
				S	12-2657 LEITFHGK.FK	70053		K	5-2218 MAGN.EIG.FK	69000
				Y	9-2187 LEITFHGK.FK	70053	INOPIN	EV	1-1200 KERNREAKTIO	43048
			IMAKUBO	K	10-3132 BIOPHYSIK	96000			3-1003 KERNREAKTIO	43005
					12-3137 OPT.EIG.FK	73640			7-1202 KERNREAKTIO	43060
			IMAM RAHAJOE	S	11- 206 STATISTIK	17540	INOUE	H	4-1130 KERNSPEKTR.	42560
			IMAMURA	N	10-2790 DUENNE SCHI	74050			11-1625 POLYMERE	53542
				S	5-2617 FK-SPEKTREN	73380			5-2613 FK-SPEKTREN	73340
					9-2698 GRENZFL.FK	74570			10- 613 MASER,LASER	28060
			IMANISHI	B	10-1192 KERNREAKTIO	43014			10-2302 MAGN.EIG.FK	69050
				N	2- 960 KERNSPEKTR.	42545			12-2738 METAL.LEITG	71010
			IMANOV	LM	11-1519 MOLEKUELE	52516		M	1-2438 FK-SPEKTREN	73300
			IMAZU	S	12-1742 PLASMA	57023			1-2576 OPT.EIG.FK	73645
			IMBAUD	JP	12-2026 FLUESSIGK.	58557			3-1089 KERNREAKTIO	43080

INOUE	M	3-1718 KRISTALLE	65588	IQBAL	M	5-393 WAERME	24050	ISHII	S	2-1409 PLASMA	
		3-2195 LEITFHGK.FK	70022	IRADYAN	VA	7-1296 ATOME	52075		T	8-1650 PLASMA	
		3-2196 LEITFHGK.FK	70022	IREDALE	P	4-2359 HALBLEITER	71563			3-1994 THERMEIG.FK	
		5-1501 MOLEKUELE	52547	IRELAND	DT	7-1882 KRIST.FEHL.	66025			10-2728 OPT.EIG.FK	
		5-1967 KRIST.FEHL.	66025		JG	3-2906 KOSM.PHYSIK	94520			11-2802 PHOTOLEITG.	
		12-2487 DIELEKTRIKA	68020			8-2966 KOSM.PHYSIK	94520			12-2263 KRIST.FEHL.	
	S	2-1916 BITTERDYN.	67060	IRI	T	12-3450 KOSM.PHYSIK	94510			3-2476 FK-SPEKTREN	
		11-2589 LEITFHGK.FK	70072			8-2536 FK-SPEKTREN	73355			8-2190 MAGN.EIG.FK	
	T	1-1054 KERNSPEKTR.	42540	IRIE	F	8-2541 FK-SPEKTREN	73355	ISHIKAWA	K	2-1876 BITTERDYN.	
		6-151 QUANTENTHEO	16582			3-2297 SUPRALEITG.	70520			6-1767 FLUESSIGK.	
		11-1044 KERNSPEKTR.	42540			4-2274 SUPRALEITG.	70510			9-1723 FLUESSIGK.	
	Y	7-818 KERN-MESSG.	40584			9-2215 SUPRALEITG.	70520			10-1627 POLYMERE	
INOUE	GT	2-2816 MAGNETOSPH.	91280			12-2710 SUPRALEITG.	70530			2-2132 MAGN.EIG.FK	
		7-2822 MAGNETOSPH.	91280		M	11-1901 FLUESSIGK.	58530			2-2142 MAGN.EIG.FK	
	H	9-1541 PLASMA	57235		T	9-2342 THERMOELEKT	72010			4-1994 MECH.EIG.FK	
		12-1866 PLASMA	57235	IRIGARAY	JL	1-1203 KERNREAKTIO	43044			4-2180 MAGN.EIG.FK	
	K	11-1704 PLASMA	57045			5-1142 KERNREAKTIO	43046			4-2181 MAGN.EIG.FK	
INOZEMTSEV	SA	11-3098 DUENNE SCHI	74040			10-1137 KERNSPEKTR.	42560			9-1773 KRISTALLE	
INTEMANH	SW	6-704 ELEMENTART.	41546			11-1090 KERNSPEKTR.	42555			10-2301 MAGN.EIG.FK	
		8-1032 STARKE WW.	41764	IRISH	J	7-2470 FK-SPEKTREN	73355			12-2564 MAGN.EIG.FK	
	RL	1-1017 KERNSPEKTR.	42510	IRKHIN	YP	4-2324 HALBLEITER	71520	ISHIKURA	O	9-443 ELEKTRIZIT.	
INTENBERG	L	7-2566 OPT.EIG.FK	73650			4-2332 HALBLEITER	71520	ISHIMARU	A	3-1420 PLASMA	
INTHOFF	W	5-178 QUANTENTHEO	16572			12-2591 MAGN.EIG.FK	69065			7-1623 GASENTLADG.	
INTONTI	R	12-1501 ATOME	52024	IRLAND	MJ	7-27 TAGUNGEN	10510	ISHIMATSU	T	3-687 KERN-MESSG.	
INTRILIGATOR	D.S.			IRMER	J	10-1758 GASENTLADG.	57850			5-1167 KERNREAKTIO	
		11-3344 MAGNETOSPH.	91230	IRONS	HR	9-421 ELEKTRIZIT.	26016			10-1121 KERNSPEKTR.	
INU	T	1-2438 FK-SPEKTREN	73300	IROSHNIKOV	GS	10-875 ELEMENTART.	41574			12-1251 KERNSPEKTR.	
		3-2195 LEITFHGK.FK	70022	IRSA	AP	4-2723 LUFTHUELLE	90870	ISHIMURA	T	2-1177 ATOME	
		3-2196 LEITFHGK.FK	70022	IRVIN	JC	6-2468 HALBLEITER	71570	ISHINO	S	5-2549 FK-SPEKTREN	
INUISHI	Y	1-1959 BITTERDYN.	67020	IRVINE	WM	4-2855 STERNE	94025	ISHIOKA	S	3-1814 KRIST.FEHL.	
		1-2354 HALBLEITER	71530			9-1738 DISP.SYST.	59540	ISHIWARI	R	11-1333 KERNREAKTIO	
		3-2534 FK-SPEKTREN	73335			9-2827 ASTROPHYSIK	93020	ISHIWATARI	K	5-2709 DUENNE SCHI	
		6-2442 HALBLEITER	71540	IRWIN	JC	2-1164 ATOME	52040	ISHIZAKI	Y	3-687 KERN-MESSG.	
		6-2548 FK-SPEKTREN	73335	ISAAC	ED	12-3099 OPT.EIG.FK	73605			10-1121 KERNSPEKTR.	
		6-2595 OPT.EIG.FK	73635	ISAACSON	L	3-1254 MOLEKUELE	52560			12-1251 KERNSPEKTR.	
		9-1419 POLYMERE	53544		RA	12-355 FELDTHEORIE	18045	ISHIZAWA	Y	1-2180 LEITFHGK.FK	
		10-585 MASER,LASER	28045			12-356 FELDTHEORIE	18045			5-2333 LEITFHGK.FK	
		11-480 MASER,LASER	28055	ISABAEV	EA	12-782 KERN-MESSG.	40512	ISHIZUKA	H	10-1739 PLASMA	
		11-2774 HALBLEITER	71585	ISABELLE	DB	7-1063 KERNSPEKTR.	42540	ISHMUKHAMETOV	B.K.	3-2234 ATOME	
		12-1812 PLASMA	57080			12-1322 KERNREAKTIO	43030	ISIHARA	A	2-194 STATISTIK	
INUZUKA	T	3-2607 DUENNE SCHI	74010	ISACKS	B	3-2706 ERDKOERPER	90240			3-243 STATISTIK	
IOANOVICIU	D	8-1373 ATOME	52090	ISAENKO	VI	7-547 MASER,LASER	28045			3-1310 POLYMERE	
IOFA	BZ	6-1831 FK-SPEKTREN	73310			7-593 MASER,LASER	28060			7-1496 POLYMERE	
		8-2453 FK-SPEKTREN	73310			12-1880 PLASMA	57276			9-1415 POLYMERE	
IOFFE	AI	8-418 AKUSTIK	23520	ISAEV	VJ	8-574 MASER,LASER	28035			10-1629 POLYMERE	
		9-342 HYDRODYNAM.	23070		AA	7-1295 ATOME	52020	ISIN	A	11-223 STATISTIK	
	AV	9-2016 THERMEIG.FK	67520		BM	1-2870 STRAHL.BIOL	97010			8-2358 METAL.LEITG	
	BL	4-921 ELEMENTART.	41578			5-772 KERN-MESSG.	40584	ISING	H	10-2814 GRENZF.L.FK	
		5-801 ELEMENTART.	41540			11-1578 MOLEKUELE	52570			2-314 AKUSTIK	
		8-233 QUANTENTHEO	16578			12-480 WAERME	24040			6-284 AKUSTIK	
		9-736 ELEMENTART.	41540	ISAIA	M	4-2551 DUENNE SCHI	74010	ISKENDER ZADE	Z.A.	2-2383 HALBLEITER	
		11-695 ELEMENTART.	41540	ISAKOV	LM	7-1821 FK-SPEKTREN	73310	ISKENDEROV	AD	1-112 MATH.PHYSIK	
	IV	3-2025 DIELEKTRIKA	68050		VI	6-958 KERNSPEKTR.	42510	ISKOLDSKII	AM	11-1817 GASENTLADG.	
		6-1439 PLASMA	57045	ISARD	JO	6-1665 FLUESSIGK.	58530	ISKRA	VD	7-2325 HALBLEITER	
		8-743 PHYS.OPTIK	29080			9-1660 FLUESSIGK.	58530			10-2224 DIELEKTRIKA	
		8-2085 BITTERDYN.	67060	ISAWA	N	9-1661 FLUESSIGK.	58530	ISLAM	MM	6-1063 KERNREAKTIO	
		9-2499 FK-SPEKTREN	73360			8-1945 KRIST.FEHL.	66025			6-1079 KERNREAKTIO	
		10-1868 FLUESSIGK.	58562	ISBASESCU	Y	1-559 MASER,LASER	28045			8-978 STARKE WW.	
		10-2212 DIELEKTRIKA	68020	ISCHENKO	B	8-825 BESCHLEUNIG	41040	ISLAMOY	AA	6-913 KERNSPEKTR.	
		11-2699 HALBLEITER	71530	ISCOVICI	S	6-1703 FLUESSIGK.	58550	ISLER	RC	12-3299 GEOMAGNET.	
	MS	5-1575 PLASMA	57055	ISENHOUR	TL	7-1273 KERNSTRHLG.	44010	ISMAIL	YM	4-1190 KERNREAKTIO	
	SB	2-514 OPT.INSTRUM	28526	ISCHENKO	PI.	7-1295 ATOME	52020	ISMAILOV	I	5-2579 FK-SPEKTREN	
	VA	2-1752 KRIST.FEHL.	66025		SA	1-2453 FK-SPEKTREN	73315			6-420 MASER,LASER	
		4-2126 FK-SPEKTREN	73355		SS	8-2562 FK-SPEKTREN	73375			6-421 MASER,LASER	
	ZM	9-2887 PLANETEN	93620	ISHCHUK	VA	8-2695 GRENZF.L.FK	74535			11-456 MASER,LASER	
		10-3006 PLANETEN	93620			12-3249 GRENZF.L.FK	74535	ISHERWOOD	SP	6-2404 HALBLEITER	
IOGENSEN	AV	10-1816 FLUESSIGK.	58520	ISHERWOOD	SP	10-1804 FLUESSIGK.	58510	ISHIBASHI	Y	7-2345 HALBLEITER	
IOHANSEN	LV	5-620 OPT.INSTRUM	28540			2-2586 DUENNE SCHI	74010			10-2487 HALBLEITER	
IOHANSEN	AV	7-1415 MOLEKUELE	52530			6-343 ELEKTRIZIT.	26060			3-2009 DIELEKTRIKA	
	LV	12-676 OPT.INSTRUM	28540			9-2036 THERMEIG.FK	67550	ISMAILZADE	IG	2-2334 HALBLEITER	
IOLI	M	1-1716 GASE	58025	ISHIDA	A	1-1959 BITTERDYN.	67020			1-2002 THERMEIG.FK	
IONESCO PALLAS	N.J.					1-2354 HALBLEITER	71530			6-1863 KRISTALLE	
		2-1140 QUANTENTHEO	16530			6-2442 HALBLEITER	71540	ISO	C	10-2219 DIELEKTRIKA	
		2-1172 ATOME	52030			5-2421 SUPRALEITG.	70550	ISOBE	T	12-967 ELEMENTART.	
IONESCU	DC	6-111 QUANTENTHEO	16530		F	8-2036 MECH.EIG.FK	66514	ISOMURA	S	3-624 PHYS.OPTIK	
	G	8-1659 PLASMA	57096		J	10-2103 MECH.EIG.FK	66514	ISOZUMI	Y	7-2304 HALBLEITER	
	M	3-57 MESSSEN	12230		K	6-2332 LEITFHGK.FK	70056	ISPASOIU	B	1-1129 KERNSPEKTR.	
	TV	3-392 ELEKTRIZIT.	26010			7-2236 LEITFHGK.FK	70056			1-418 WAERME	
		4-1732 PLASMA	57010			7-2917 KOSM.PHYSIK	94520			8-454 WAERME	
		8-1659 PLASMA	57096		KI	1-863 STARKE WW.	41725	ISPIRIAN	KA	1-1352 KERNSTRHLG.	
	VA	11-3310 IONOSPHERE	91020			7-864 STARKE WW.	41725	ISRAEL	HM	11-3250 KOSM.STRLG.	
IONESCU BUJOR I.		8-1170 KERNSPEKTR.	42565		S	7-922 STARKE WW.	41725		W	5-260 FELDTHEORIE	
		1-2101 MAGN.EIG.FK	69010			1-936 STARKE WW.	41760			6-2982 KOSM.PHYSIK	
IONESCU PALLAS	N.J.					2-862 STARKE WW.	41760			8-322 FELDTHEORIE	
		8-650 OPT.INSTRUM	28545			6-2460 HALBLEITER	71566			10-314 FELDTHEORIE	
		8-1302 ATOME	52010			10-2103 MECH.EIG.FK	66514	ISSARTIER	P	11-3453 KOSM.PHYSIK	
IONOV	LN	3-2466 PHOTOLEITG.	72510			11-2684 HALBLEITER	71520			2-294 HYDRODYNAM.	
	PV	12-3101 OPT.EIG.FK	73605		T	3-1680 KRISTALLE	65572	ISSI	JP	6-2489 THERMOELEKT	
	SP	1-1778 THERMEIG.FK	67556			8-150 VAKUUM	13030	ISUPOV	VA	1-2026 DIELEKTRIKA	
		5-1390 MOLEKUELE	52530			10-95 LABORTECHN.	12530			7-2124 DIELEKTRIKA	
IONOVA	OV	1-1778 THERMEIG.FK	67556		Y	4-1581 POLYMERE	53544			8-2129 DIELEKTRIKA	
IODACHE	D	3-2138 MAGN.EIG.FK	69045	ISHIBAKI	A	3-77 LABORTECHN.	12530			11-2279 DIELEKTRIKA	
		10-1547 MOLEKUELE	52538			8-123 LABORTECHN.	12530			2-1987 DIELEKTRIKA	
IODANISHVILI	E.K.					11-2818 FK-SPEKTREN	73310	ITABAKI	WA	8-2669 GRENZF.L.FK	
		3-350 WAERME	24026	ISHIGURO	E	5-1369 MOLEKUELE	52512	ITATANI	R	8-1639 PLASMA	
IODANSKY	SV	9-219 STATISTIK	17560		MS	7-2364 HALBLEITER	71570	ITIKAWA	Y	8-1493 MOLEKUELE	
IORI	I	2-1003 KERNREAKTIO	43008		S	1-2180 LEITFHGK.FK	70026	ITIN	VI	11-2163 MECH.EIG.FK	
IORISH	YI	7-1588 GASENTLADG.	57850			1-1976 BITTERDYN.	67060	ITO	A	4-175 VAKUUM	
IOSIFESCU	B	7-2636 GRENZF.L.FK	74530			1-2475 FK-SPEKTREN	73325			4-2067 THERMEIG.FK	
		9-102 VAKUUM	13060			3-2408 HALBLEITER	71540			5-844 ELEMENTART.	
IOSILEVSKII	YA	1-1951 BITTERDYN.	67010			4-2080 DIELEKTRIKA	68050			11-2818 FK-SPEKTREN	
		3-1948 BITTERDYN.	67060			6-2432 FK-SPEKTREN	71530	ISSARTIER	P	10-877 ELEMENTART.	
		9-2370 FK-SPEKTREN	73310			9-2498 FK-SPEKTREN	73355			4-245 QUANTENTHEO	
		10-2148 BITTERDYN.	67040			10-2485 HALBLEITER	71540			5-797 ELEMENTART.	
		12-2415 THERMEIG.FK	67500	ISHIHARA	M	3-963 KERNSPEKTR.	42560			2-1620 KRISTALLE	
IOSILEVSKY	YA	12-2857 FK-SPEKTREN	73310			11-1244 KERNREAKTIO	43050			7-390 WAERME	
IOUP	BE	3-1186 MOLEKUELE	52575	ISHIJ	B	8-2000 KRIST.FEHL.	66065			8-1849 KRISTALLE	
IOZENAS	VA	10-3019 PLANETEN	93640		H	3-92 VAKUUM	13013			9-2399 FK-SPEKTREN	
IPATOVA	IP	4-2016 BITTERDYN.	67040			4-155 VAKUUM	13013			12-241 QUANTENTHEO	
		8-2406 HALBLEITER	71560			4-165 VAKUUM	13025			5-2950 KOSM.PHYSIK	
IPPOLITOV	II	10-1873 FLUESSIGK.	58562			4-166 VAKUUM	13025			9-1858 KRIST.FEHL.	
		11-1509 MOLEKUELE	52514			4-175 VAKUUM	13050			1-2098 FK-SPEKTREN	
	VT	9-927 KERNSPEKTR.	42525			5-2384 LEITFHGK.FK	70076			6-81 VAKUUM	

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JACOB - JAVOR

JACOB	M	8- 817	BESCHLEUNIG	41020	JAGGI	RK	1-1565	PLASMA	57045	JANIN	J	11-3019	OPT.EIG.FK	7
		9- 773	ELEMENTART.	41574	JAGODZINSKI	H	9-1780	KRISTALLE	65570			12-1740	PLASMA	5
		11- 720	ELEMENTART.	41546	JAHN	P	2- 967	KERNSEKTR.	42550			12-3132	OPT.EIG.FK	7
		11- 748	ELEMENTART.	41574			8-1134	KERNSEKTR.	42552	JANIS	AI	7- 272	FELDTHEORIE	13
	RJ	3- 759	ELEMENTART.	41574	JAHNE	E	2-2201	LEITFHGK.FK	70022			10- 317	FELDTHEORIE	13
	WR	5-2753	GRENZFL.FK	74520	JAHNKE	JA	5- 433		57550	JANJUA	MBI	10-1908	KRISTALLE	6
JACOBS	AE	5-2407	SUPRALEITO.	70530		U	10-1122	KERNSEKTR.	42555	JANKOWSKI	AL	9- 679	KERN-MESSG.	6
	E	1-1105	KERNSEKTR.	42555	JAHNS	MF	7-1187	KERNREAKTIO	43052	JANKU	V	11- 565	PHYS.OPTIK	2
		1-1112	KERNSEKTR.	42560	JAHODA	FC	4- 690	OPT.INSTRUM	28570	JANNELLI	S	2- 799	STARKE WW.	4
		8-1152	KERNSEKTR.	42560			5-1658	PLASMA	57260			6- 769	STARKE WW.	4
	FTA	10-1138	KERNSEKTR.	42560	JAHR	R	1-1068	KERNSEKTR.	42545	JANOSSY	A	5-2164	FK-SPEKTREN	7
	Q	2-2293	SUPRALEITO.	70540			2-1063	KERNREAKTIO	43064		L	3- 262	FELDTHEORIE	13
		4-2396	PHOTOLEITO.	72510			6- 925	KERNSEKTR.	42545		M	3- 266	FELDTHEORIE	13
		11-2786	PHOTOLEITO.	72510			12-1367	KERNREAKTIO	43064			9- 535	MASER,LASER	2
		12-2257	KRIST.FEHL.	66030	JAIMES	AN	1-2600	DUENNE SCHI	74010			10- 595	MASER,LASER	2
	H	2- 491	MASER,LASER	28055	JAIN	A	5-1243	ATOME	52010	JANOT	C	4-2020	GITTERDYN.	6
		2- 581	PHYS.OPTIK	29033			8-1299	ATOME	52010			5-1947	KRIST.FEHL.	6
		9- 461	TEILCH.OPT.	27062		AP	3-1644	KRISTALLE	65545			5-2084	GITTERDYN.	6
	IS	7-2174	MAGN.EIG.FK	69060			3-1646	FK-SPEKTREN	73310			6-2089	GITTERDYN.	6
		10-2640	FK-SPEKTREN	73360			3-1918	GITTERDYN.	67020	JANOUT	Z	10-2542	FK-SPEKTREN	7
		11-2432	MAGN.EIG.FK	69050		BC	12-1350	KERNREAKTIO	43050			2- 826	STARKE WW.	4
	KC	6-2991	KOSM.PHYSIK	94583		DK	5-1453	MOLEKUELE	52560			2- 902	KERNSTRUKT.	4
	MA	5- 946	STARKE WW.	41755		BC	7- 89	LABORTECHN.	12580			8-1064	KERNSTRUKT.	4
	MBM	10- 96	LABORTECHN.	12530		HC	7-1132	KERNSEKTR.	42570			8-1065	KERNSTRUKT.	4
	MJN	6- 936	KERNSEKTR.	42545		MC	12-2130	KRISTALLE	65545	JANOVSKY	BM	10-1018	KERNSTRUKT.	4
	PWM	3-2027	DIELEKTRIKA	68000		HC	4-2028	GITTERDYN.	67060			9-2733	GEOMAGNET.	9
		8-1838	KRISTALLE	65510		MC	9-1466	PLASMA	57045	JANOWSKI	KR	10-2084	MECH.EIG.FK	6
	R	12- 106	LABORTECHN.	12520		PL	9- 672	KERN-MESSG.	40565	JANSEN	JFW	1-1152	KERNSEKTR.	4
	RJ	6- 938	KERNSEKTR.	42545			11- 805	STARKE WW.	41730			4-1520	MOLEKUELE	5
	RL	11-2533	LEITFHGK.FK	70024		RK	3-1918	GITTERDYN.	67020			11-1991	KRISTALLE	6
	SJ	6-2804	LUFTHUELLE	90840			9- 391	WAERME	24060	JANSSON	R	2- 651	KERN-MESSG.	4
		10- 460	THERMODYN.	24556		SC	2-1575	FLUESSIGK.	58550		REW	2-1303	PLASMA	5
	TA	6-1332	MOLEKUELE	52570			4-2573	DUENNE SCHI	74040	JANTSCH	K	4-1092	KERNSEKTR.	4
		11-1442	ATOME	52065			6-2514	FK-SPEKTREN	73325	JANUZZI	N	12-3253	GRENZFL.FK	7
JACOBSEN	RT	10-1609	POLYMERE	53525			7-1052	KERNSEKTR.	42535	JANYSZEK	H	12- 204	QUANTENTHEO	1
	T	10- 981	STARKE WW.	41764			7-1163	KERNREAKTIO	43022	JAQUE	F	5-1984	KRIST.FEHL.	6
JACOBSON	AJ	12-2509	MAGN.EIG.FK	69010			8- 857	ELEMENTART.	41543	JAQUISS	MT	10-1358	K-REAKTOREN	4
	AS	7-2827	ASTROPHYSIK	93020			9-1683	FLUESSIGK.	58550	JARCZYK	L	11-1326	KERNREAKTIO	4
	DA	1- 186	QUANTENTHEO	16578			12-1160	KERNSTRUKT.	42050	JARDAT	F	2-1546	FLUESSIGK.	5
		5- 180	QUANTENTHEO	16578		VK	3- 614	PHYS.OPTIK	29015	JARED	RC	12-1405	KERNREAKTIO	4
		11- 122	QUANTENTHEO	16575	JAISWAL	VK	11-2286	DIELEKTRIKA	68030	JARLSKOG	C	2- 733	ELEMENTART.	4
	E	11-1425	ATOME	52040	JAKEMAN	E	5-2388	SUPRALEITO.	70510			4-1004	STARKE WW.	4
JACOBUS	GF	4-2593	DUENNE SCHI	74060			11- 309	HYDRODYNAM.	23050			6- 695	ELEMENTART.	4
JACON	M	11-1551	MOLEKUELE	52540			11- 435	MASER,LASER	28035	JARMAN	PD	11-1952	FLUESSIGK.	5
JACOX	ME	4-1493	MOLEKUELE	52524	JAKLEVIC	RC	5- 616	OPT.INSTRUM	28530	JARMIE	N	4-1086	KERNSEKTR.	4
		5-1400	MOLEKUELE	52536			8-2483	FK-SPEKTREN	73330			11-1179	KERNREAKTIO	4
		5-1409	MOLEKUELE	52538	JAKLI	G	9-1687	FLUESSIGK.	58555	JARMUZ	PJ	10-2803	GRENZFL.FK	7
		11-1531	MOLEKUELE	52526	JAKOBSEN	RJ	2-2482	FK-SPEKTREN	73330	JARNAGIN	RC	3-2457	PHOTOLEITG.	7
		11-1545	MOLEKUELE	52536	JAKUBOVICS	JP	8-2155	MAGN.EIG.FK	69010			5-1944	KRIST.FEHL.	6
JACQUEMONT	D	8-1784	FLUESSIGK.	58555	JAMBA	D	3-2268	LEITFHGK.FK	70074			7-1764	FLUESSIGK.	5
JACQUET	F	5- 827	ELEMENTART.	41566		DM	1-2658	GRENZFL.FK	74560	JAROS	M	2-2028	FK-SPEKTREN	7
	M	2-1581	FLUESSIGK.	58562	JAMES	AN	8-1217	KERNREAKTIO	43054			8-2272	LEITFHGK.FK	7
JACQUIN	JP	6-2813	LUFTHUELLE	90890		BW	12-1806	PLASMA	57080			9-2469	FK-SPEKTREN	7
JACQUINOT	P	6- 455	OPT.INSTRUM	28530		CR	5-1608	PLASMA	57075	JARRY	G	10-1644	PLASMA	5
JACQUOT	B	11-1809	PLASMA	57266			12-1733	PLASMA	57015	JARUNIN	VS	5- 174	QUANTENTHEO	1
	C	5- 618	OPT.INSTRUM	28530		DJ	6- 479	OPT.INSTRUM	28545			12-1599	MOLEKUELE	5
		6-1410	PLASMA	57023		DW	8-1814	FLUESSIGK.	58573	JARVIS	JF	5-2044	MECH.EIG.FK	6
		9- 931	KERNSEKTR.	42535		F	3- 821	STARKE WW.	41745		NL	9-1701	FLUESSIGK.	5
		11-1332	KERNREAKTIO	43080			4- 969	STARKE WW.	41745		ON	3- 913	KERNSEKTR.	4
		12-1397	KERNREAKTIO	43080			6- 750	STARKE WW.	41710			7-1001	KERNSTRUKT.	4
JACROT	B	1-2274	SUPRALEITO.	70520			12- 172	MATH.PHYSIK	16020			7-1139	KERNSEKTR.	4
JACUCCI	G	6-1660	FLUESSIGK.	58527		GD	10- 754	KERN-MESSG.	40582			7-1151	KERNREAKTIO	4
JAECKLIN	AA	10-2281	MAGN.EIG.FK	69035		HM	5-1915	KRISTALLE	65582			8-1062	KERNSTRUKT.	4
		11-3061	DUENNE SCHI	74010			7-2453	FK-SPEKTREN	73340			11-1279	KERNREAKTIO	4
JAECKS	D	4-1386	ATOME	52065			8-2233	LEITFHGK.FK	70022			12-1146	KERNSTRUKT.	4
JAEGER	SH	10-1436	ATOME	52065	JC		11-2037	KRISTALLE	65582	JASCHEK	C	8-2923	STERNE	9
	S	4-1284	KERNREAKTIO	43090			6-2872	SONNENPHYS.	93326		M	8-2923	STERNE	9
JAEGER	E	8-1242	KERNREAKTIO	43090	JF		10-2984	PLANETEN	93612	JASEJA	TS	4- 644	MASER,LASER	2
		2-1638	KRISTALLE	65545			6- 461	OPT.INSTRUM	28530	JASIELSKA	A	2-1080	KERNREAKTIO	4
		2-2087	MAGN.EIG.FK	69025			8- 654	OPT.INSTRUM	28556	JASKIEWICZ	A	11-2498	MAGN.EIG.FK	6
		10-1929	KRISTALLE	65545		LW	7-2056	GITTERDYN.	67060	JASKOLA	M	9-1029	KERNREAKTIO	4
	G	6- 537	PHYS.OPTIK	29083			12-3070	FK-SPEKTREN	73370	JASNOW	D	1- 230	STATISTIK	1
	H	2-2591	DUENNE SCHI	74020	PB		1- 922	STARKE WW.	41755	JASPERSE	JR	2-1141	ATOME	5
		10-1903	DISP.SYST.	59540			2- 887	STARKE WW.	41775			9-1162	ATOME	5
		10-3085	KOSM.PHYSIK	94520			3- 768	STARKE WW.	41700	JASSBY	DL	7- 518	HF-TECHNIK	2
		11-1419	ATOME	52027		R	3- 821	STARKE WW.	41745	JASSE	B	9-1408	POLYMERE	5
	HU	7-1059	KERNSEKTR.	42540		WJ	8-2121	DIELEKTRIKA	68020	JASSETTE	P	9- 123	QUANTENTHEO	1
J		9-2421	FK-SPEKTREN	73330	JAMET	JP	1-2301	HALBLEITER	71505	JASTAD	E	4-1122	KERNSEKTR.	4
J		9-2422	FK-SPEKTREN	73330	JAMIESON	JB	9-1815	KRISTALLE	65584	JASTER	W	9-1371	MOLEKUELE	5
JC		8- 127	LABORTECHN.	12570	JAMNIK	D	5- 784	BESCHLEUNIG	41030			9-1579	GASENTLADG.	5
JG		10- 81	MESSEN	12215			9-1073	KERNREAKTIO	43075	JASTRAM	PS	10-1146	KERNSEKTR.	4
JH		6-2897	PLANETEN	93630			10- 814	BESCHLEUNIG	41040	JASTRZEBSKI	J	2- 986	KERNSEKTR.	4
JAEGLE	P	1- 700	PHYS.OPTIK	29063	JAN	JP	2-2198	LEITFHGK.FK	70024			4-1141	KERNSEKTR.	4
		1-1314	KERNSTRHLG.	44020			2-2528	OPT.EIG.FK	73605			5-1084	KERNSEKTR.	4
		10-2547	FK-SPEKTREN	73315			3-2201	LEITFHGK.FK	70024			10-1125	KERNSEKTR.	4
JAEHNIG	E	4-2216	LEITFHGK.FK	70010			4-2317	METAL.LEITG	71010			11-1191	KERNREAKTIO	4
JAEN	JK	7- 234	STATISTIK	17530			5-2632	OPT.EIG.FK	73605	JASUTIS	V	8-2637	DUENNE SCHI	7
JAECKE	J	11-1057	KERNSEKTR.	42545	JAN VON	R	12-2622	LEITFHGK.FK	70024			11-3068	DUENNE SCHI	7
		12-1168	KERNSTRUKT.	42070			5-1994	KRIST.FEHL.	66065	JASWAL	SS	2-1626	KRISTALLE	6
JAENICKE	R	9-1628	FLUESSIGK.	58562	JANAK	JF	12-2679	LEITFHGK.FK	70072			4-2011	GITTERDYN.	6
JAERVEN	M	2-1697	KRISTALLE	65584	JANAVICIUS	A	4-1279	KERNREAKTIO	43080	JASZCZYK	KOPEC	P.		
JAESCHKE	E	7- 826	BESCHLEUNIG	41010	JANCA	J	3-1488	PLASMA	57010			8-2626	OPT.EIG.FK	7
JAFAR	JD	2- 806	STARKE WW.	41740			5-1636	PLASMA	57210	JATNIEKS	GU	10- 479	ELEKTRIZIT.	2
JAFFE	A	12-3496	SEHEN	96614			2-1412	PLASMA	57090	JATTEAU	M	9- 361	WAERME	2
	AA	7-1230	KERNREAKTIO	43080	JANCEL	R	2-1469	PLASMA	57279	JAUCH	JM	2- 97	QUANTENTHEO	1
		8-1220	KERNREAKTIO	43056			9-1437	PLASMA	57015			8- 41	BUECHER	1
		9-1036	KERNREAKTIO	43050			9-1438	PLASMA	57015			9- 128	QUANTENTHEO	1
		11-1278	KERNREAKTIO	43056			9-1445	PLASMA	57026	JAUHO	P	5-1226	KERNSTRHLG.	4
	AI	5-1114	KERNREAKTIO	43012			11-1685	PLASMA	57033			5-1334	ATOME	5
		11- 927	STARKE WW.	41790	JANCOVICI	B	2-2071	MAGN.EIG.FK						

OWSKI A 6-2420 HALBLEITER 71520
 AR RW 2-2719 GEOMAGNET. 90440
 AMAN A 2-1856 MECH.EIG.FK 66550
 3-1894 MECH.EIG.FK 66556
 6-2468 HALBLEITER 71570
 12-2196 KRISTALLE 65584
 A 11-2835 FK-SPEKTREN 73320
 M 4-1042 KERNSTRUKT. 42020
 12-1154 KERNSTRUKT. 42020
 P 2-1166 ATOME 52040
 2-1167 ATOME 52040
 R 3- 713 BESCHLEUNIG 41040
 MARIE B 7- 883 ELEMENTART. 41576
 EET E 4- 890 ELEMENTART. 41546
 10-1053 KERNSTRUKT. 42095
 JC 8- 617 OPT.INSTRUM 28510
 D 2-1725 KRIST.FEHL. 66015
 AF 6- 999 KERNSPEKTR. 42570
 WNS AP 12-2750 HALBLEITER 71520
 AE 6-1827 FK-SPEKTREN 73310
 C 3-1844 KRIST.FEHL. 66065
 9-2676 GRENZFL.FK 74535
 11-2083 KRIST.FEHL. 66035
 CH J 9-1136 KERNSTRHLG. 44010
 RR J 3-2031 FK-SPEKTREN 73370
 MANDAM M 9-1686 FLUESSIGK. 58555
 FRIES JT 8- 14 BIOGRAPHIEN 10230
 10-3036 STERNE 94020
 10-3037 STERNE 94020
 FRS WQ 3- 537 MASER,LASER 28055
 5- 570 MASER,LASER 28055
 RTS KB 7-1437 MOLEKUELE 52543
 8-1446 MOLEKUELE 52547
 12-1642 MOLEKUELE 52547
 FRY JW 3-1677 KRISTALLE 65572
 PG 1-1334 KRIST.FEHL. 66025
 WH 6-2877 PLANETEN 93600
 BA 8-1900 KRISTALLE 65584
 KR 4-2099 FK-SPEKTREN 73370
 H 3-2697 ERDKOERPER 90210
 RIES CD 2-2010 FK-SPEKTREN 73370
 2-2036 FK-SPEKTREN 73355
 5-2546 FK-SPEKTREN 73300
 9-1758 KRISTALLE 65540
 4- 690 OPT.INSTRUM 28570
 DM 12-2149 KRISTALLE 65570
 RLEHNER F 12-3481 KOSM.PHYSIK 94583
 K 6-1801 KRISTALLE 65518
 K 4-2518 OPT.EIG.FK 73645
 JM 1-1431 ATOME 52075
 G 11-2089 KRIST.FEHL. 66025
 K 12- 844 KERN-MESSG. 40512
 NSKI A 9-2156 MAGN.EIG.FK 69065
 12-2144 KRISTALLE 65545
 FK FJ 8-2094 THERMEOIG.FK 67510
 11-2228 THERMEOIG.FK 67510
 JY 1-2722 KOSM.STRLG. 90646
 3-2778 KOSM.STRLG. 90646
 3-2779 KOSM.STRLG. 90646
 3-2783 KOSM.STRLG. 90646
 11-3452 KOSM.PHYSIK 94550
 HHG 6-2700 GRENZFL.FK 74520
 D 7-2809 MAGNETOSPH. 91230
 DH 8-2801 IONOSPHERE 91060
 P 9-2515 FK-SPEKTREN 73370
 F 5-1360 MOLEKUELE 52512
 6-1265 MOLEKUELE 52512
 11-1493 MOLEKUELE 52512
 DR 2- 336 WAERME 24060
 DT 12- 443 HYDRODYNAM. 23040
 R 5- 860 STARKE WW. 41700
 11- 746 ELEMENTART. 41574
 12- 977 ELEMENTART. 41580
 JG 12-1206 KERNSPEKTR. 42540
 DR 4-1385 ATOME 52020
 12-3120 OPT.EIG.FK 73630
 12-3121 OPT.EIG.FK 73630
 EB 12-2888 STERNE 94000
 GM 12-1976 FLUESSIGK. 58530
 JD 10-1338 K-REAKTOREN 43515
 JE 5-1655 PLASMA 57260
 RC 12-1867 GASENTLADG. 57895
 L 11- 127 QUANTENTHED 16578
 P 1-1448 MOLEKUELE 52512
 8- 203 QUANTENTHED 16533
 RE 9- 807 STARKE WW. 41710
 TA 10-2079 KRIST.FEHL. 66079
 W 4-1643 PLASMA 57055
 JNGS JR. H.Y. 10-1813 FLUESSIGK. 58510
 RC 3-2872 PLANETEN 93630
 BEN DR 9- 704 BESCHLEUNIG 41020
 FP 11-2138 KRIST.FEHL. 66065
 HA 1- 473 ELEKTRIZIT. 26060
 MA 8-2314 SUPRALEITG. 70540
 8-2315 SUPRALEITG. 70540
 10-2369 LEITFHOK.FK 70024
 11-2966 FK-SPEKTREN 73370
 M 10- 66 BUECHER 11020
 RA 6-2202 FK-SPEKTREN 73355
 RE 3-1605 FLUESSIGK. 58530
 RP 5-1817 FLUESSIGK. 58568
 TH 5-1665 PLASMA 57266
 V 5-2177 FK-SPEKTREN 73370
 VO 11-1811 PLASMA 57270
 JR. JT 3- 417 TEILCH.OPT. 27050
 L 5- 292 ELASTIZIT. 22520
 W 7- 730 KERNPHYSIK 40000
 TT 5- 648 OPT.INSTRUM 28570
 DW 2- 194 STATISTIK 17566
 11-2027 KRISTALLE 65574
 RL 5- 511 TEILCH.OPT. 27068
 7-2827 ASTROPHYSIK 93020
 M 6-1085 KERNREAKTIO 43064
 S 7- 104 VAKUUM 13020

JERICO MH 9-1974 GITTERDYN. 67060
 JERLOV N 1- 9 BIOGRAPHIEN 10215
 JERMAKIAN A 8- 815 BESCHLEUNIG 41020
 JERNIGAN RL 8-1537 POLYMERE 53546
 JERNOW S 3- 195 QU.FELDTHEO 17010
 9- 175 QU.FELDTHEO 17010
 D 6-2486 LEITFHOK.FK 70053
 LOF 7- 334 HYDRODYNAM. 23030
 JMF 12-1263 KERNSPEKTR. 42560
 J 1-2511 FK-SPEKTREN 73380
 4- 648 MASER,LASER 28060
 5-2622 FK-SPEKTREN 73380
 5-2623 FK-SPEKTREN 73380
 6-2558 FK-SPEKTREN 73380
 BW 4-2575 DUENNE SCHI 74040
 U 1-2643 GRENZFL.FK 74530
 P 4-1323 KERNSTRHLG. 44030
 P 2-1747 KRIST.FEHL. 66025
 G 6-2692 DUENNE SCHI 74095
 G 7-1809 KRISTALLE 65545
 WP 12-1725 PLASMA 57010
 PL 12- 875 KERN-MESSG. 40584
 WA 3-1788 KRIST.FEHL. 66035
 7-2599 DUENNE SCHI 74030
 10-2758 DUENNE SCHI 74010
 10-2759 DUENNE SCHI 74010
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 JP 5-1871 KRISTALLE 65545
 5-2172 FK-SPEKTREN 73370
 10-1940 KRISTALLE 65545
 E 9- 434 ELEKTRIZIT. 26050
 JH 10-1255 KERNREAKTIO 43054
 AN 2-1189 MOLEKUELE 52580
 4-1442 MOLEKUELE 52543
 HL 4-2434 FK-SPEKTREN 73325
 M 4- 594 HF-TECHNIK 27550
 MEJ 4- 589 HF-TECHNIK 27550
 JP 1- 177 QUANTENTHED 16566
 6-1044 KERNREAKTIO 43040
 12-1193 KERNREAKTIO 42520
 CF 12- 350 FELDTHEORIE 18042
 JC 9- 486 MASER,LASER 28020
 M 1- 58 MESSEN 12210
 R 4-1423 ATOME 52070
 S 9-1234 ATOME 52070
 1-1119 KERNSPEKTR. 42560
 1-1127 KERNSPEKTR. 42565
 6- 964 KERNSPEKTR. 42560
 SK 11- 915 STARKE WW. 41783
 SS 4-2470 FK-SPEKTREN 73380
 7-2515 FK-SPEKTREN 73360
 DS 5-2832 LUFTHUELLE 90880
 MS 6-1631 FLUESSIGK. 58540
 CL 3- 433 HF-TECHNIK 27530
 RI 9- 900 KERNSTRUKT. 42040
 10-1200 KERNREAKTIO 43020
 B 10-2207 DIELEKTRIKA 68020
 J 9-2745 KOSM.STRLG. 90633
 YS 1- 185 QUANTENTHED 16578
 8- 229 QUANTENTHED 16578
 BK 5-2771 GRENZFL.FK 74540
 J 6-1794 KRISTALLE 65518
 GR 8-2899 PLANETEN 93640
 M 8- 959 STARKE WW. 41725
 EV 4-2192 MAGN.EIG.FK 69065
 J 8-2704 GRENZFL.FK 74560
 S 6-1243 ATOME 52075
 7-1112 KERNSPEKTR. 42560
 7-1129 KERNSPEKTR. 42565
 7-1131 KERNSPEKTR. 42565
 7-1138 KERNSPEKTR. 42570
 10-1134 KERNSPEKTR. 42560
 CJ 7-1344 ATOME 52070
 M 2-2769 IONOSPHERE 91020
 5-2841 IONOSPHERE 91030
 JD 7-1329 ATOME 52060
 7-1346 ATOME 52070
 G 1-2807 PLANETEN 93610
 FC 1-1658 PLASMA 57023
 M 6- 835 STARKE WW. 41770
 6- 836 STARKE WW. 41770
 H 3-1781 KRIST.FEHL. 66030
 RJ 11-2487 MAGN.EIG.FK 69060
 T 7-1911 KRIST.FEHL. 66035
 C 5-1411 MOLEKUELE 52538
 J 2-1909 GITTERDYN. 67060
 2-2004 FK-SPEKTREN 73345
 6-2187 FK-SPEKTREN 73355
 6-2286 MAGN.EIG.FK 69070
 11-3139 DUENNE SCHI 74050
 C. JOFFRIN GRAFFOILLERE
 PP 1-2172 FK-SPEKTREN 73330
 C 5-2473 HALBLEITER 71530
 C 9-2848 SONNENPHYS. 93324
 R 1-2537 OPT.EIG.FK 73605
 5- 714 PHYS.OPTIK 29088
 NH 5- 345 HYDRODYNAM. 23060
 RB 12-2017 FLUESSIGK. 58557
 T 1-1467 MOLEKUELE 52530
 B 5-2625 OPT.EIG.FK 73610
 8-2464 FK-SPEKTREN 73325
 11-2097 KRIST.FEHL. 66030
 A 3-1794 KRIST.FEHL. 66035
 11-2104 KRIST.FEHL. 66065
 11-2138 KRIST.FEHL. 66065
 CR 12-2366 MECH.EIG.FK 66553
 HA 10-2431 SUPRALEITG. 70540
 L 2-1635 KRISTALLE 65540
 A 2- 959 KERNSPEKTR. 42545
 7-1134 KERNSPEKTR. 42570
 9- 987 KERNSPEKTR. 42570
 11-1266 KERNREAKTIO 43054
 B 2-2178 LEITFHOK.FK 70010
 3-1127 ATOME 52024
 12-2542 MAGN.EIG.FK 69030

JOHANSSON G 8-1313 ATOME 52022
 K 4-1127 KERNSPEKTR. 42560
 12-2130 KRISTALLE 65545
 M 5-3004 STRAHL.BIOL 97010
 J 6- 628 BESCHLEUNIG 41010
 PK 4-1717 PLASMA 57260
 TL 5-1280 ATOME 52047
 12- 224 QUANTENTHED 16563
 W 6- 393 MASER,LASER 28035
 JWC 4-1496 MOLEKUELE 52524
 9-1282 MOLEKUELE 52520
 KA 11- 346 THERMODYN. 24510
 MW 9- 961 KERNSPEKTR. 42555
 RH 4-1545 PLASMA 57010
 12-1537 ATOME 52060
 U 4- 500 THERMODYN. 24554
 JOHNSON A 10-1125 KERNSPEKTR. 42555
 AA 7-1852 KRISTALLE 65588
 12-2204 KRISTALLE 65588
 AM 1- 600 MASER,LASER 28060
 4- 638 MASER,LASER 28055
 9- 527 MASER,LASER 28055
 AR 11-1256 KERNREAKTIO 43052
 CE 7-1804 KRISTALLE 65540
 8-2449 FK-SPEKTREN 73310
 11-1420 ATOME 52027
 12-2133 KRISTALLE 65545
 CH 1-1037 KERNSPEKTR. 42525
 6-1050 KERNREAKTIO 43044
 6-1074 KERNREAKTIO 43056
 11-1224 KERNREAKTIO 43044
 CHJ 2- 257 HYDRODYNAM. 23020
 D 12-3157 DUENNE SCHI 74010
 DE 9- 56 LABORTECHN. 12510
 DL 1-1981 THERMEOIG.FK 67510
 10- 423 WAERME 24020
 DP 4- 349 MECHANIK 22036
 10-2540 FK-SPEKTREN 73310
 12-2391 GITTERDYN. 67020
 DR 10-3146 STRAHL.BIOL 97020
 DS 11-1940 FLUESSIGK. 58565
 DW 3-2811 LUFTHUELLE 90880
 EJ 1-2199 LEITFHOK.FK 70053
 1-2532 OPT.EIG.FK 73610
 ER 7-2752 LUFTHUELLE 90850
 8-2743 LUFTHUELLE 90800
 9- 277 HYDRODYNAM. 23010
 9- 548 OPT.INSTRUM 28510
 EW 11-2261 THERMEOIG.FK 67556
 FA 1-2500 FK-SPEKTREN 73330
 11-2209 GITTERDYN. 67010
 FM 3-1235 MOLEKUELE 52540
 FS 9-2900 PLANETEN 93640
 10-2992 PLANETEN 93613
 G 10-1287 KERNREAKTIO 43064
 GL 1-2692 ERDKOERPER 90260
 HK 8-2856 SONNENPHYS. 93324
 HL 3-2889 STERNE 94000
 7-2888 STERNE 94000
 HM 4-2877 KOSM.PHYSIK 94540
 4-2880 KOSM.PHYSIK 94540
 J 8- 616 OPT.INSTRUM 28510
 11-1147 KERNSPEKTR. 42570
 JA 1-2615 DUENNE SCHI 74000
 JD 2-2659 GRENZFL.FK 74530
 JH 5- 463 ELEKTRIZIT. 26040
 JL 1-1691 PLASMA 57263
 3-1386 PLASMA 57055
 5-1660 PLASMA 57263
 11-1805 PLASMA 57263
 JN 1-1909 MECH.EIG.FK 66514
 8-2053 MECH.EIG.FK 66545
 JR 6- 468 OPT.INSTRUM 28545
 10- 566 MASER,LASER 28040
 JW 12-1977 FLUESSIGK. 58530
 K 1- 786 ELEMENTART. 41540
 5- 782 BESCHLEUNIG 41020
 6- 163 QU.FELDTHEO 17020
 KE 3-2474 FK-SPEKTREN 73325
 KH 12-2607 LEITFHOK.FK 70022
 KI 4-2624 83030
 LC 3-1343 PLASMA 57033
 5-1669 PLASMA 57279
 LF 6-2534 FK-SPEKTREN 73330
 LR 7-2690 ERDKOERPER 90240
 LV 11-1076 KERNSPEKTR. 42550
 MB 2-1013 KERNREAKTIO 43030
 MR 1-1590 PLASMA 57050
 7-2390 PHOTOLEITG. 72510
 11- 454 MASER,LASER 28050
 MW 7-1842 KRISTALLE 65584
 NR 1-1094 KERNSPEKTR. 42555
 5-1083 KERNSPEKTR. 42565
 11-1136 KERNSPEKTR. 42565
 OE 6-1095 KERNREAKTIO 43080
 9-1077 KERNREAKTIO 43080
 12-1378 KERNREAKTIO 43075
 PB 7- 894 STARKE WW. 41710
 8- 946 STARKE WW. 41725
 Q 11-2043 KRISTALLE 65584
 RA 4-1933 KRIST.FEHL. 66035
 RC 1-2198 LEITFHOK.FK 70053
 3-1065 KERNREAKTIO 43060
 7- 501 HF-TECHNIK 27530
 7- 965 STARKE WW. 41755
 11-1294 KERNREAKTIO 43060
 12- 233 QUANTENTHED 16575
 12-1084 STARKE WW. 41755
 RE 6-1165 ATOME 52010
 6-1229 ATOME 52065
 RG 6- 490 OPT.INSTRUM 28550
 6- 694 ELEMENTART. 41546
 7- 803 KERN-MESSG. 40570
 9-2738 GEOMAGNET. 90470
 10-2919 IONOSPHERE 91020

JOHNSON	RH	2-2832 SONNENPHYS.	93326	JONES	DGC	3- 523 MASER,LASER	28055	JONES JR.	WH	7-2248 LEITFHGK.FK	1
	RR	4-1250 KERNREAKTIO	43056			3-1251 MOLEKUELE	52585			11-2946 FK-SPEKTREN	1
		7-1193 KERNREAKTIO	43054			5- 579 MASER,LASER	28055	JONG DE	G	11-2000 KRISTALLE	1
		7-1194 KERNREAKTIO	43054			8- 568 MASER,LASER	28030		ML	7-2934 KOSM.PHYSIK	1
		10-1255 KERNREAKTIO	43054			8- 599 MASER,LASER	28055	JONGE DE	WJM	11-3439 KOSM.PHYSIK	1
RS		9- 283 HYDRODYNAM.	23020		DL	4-2759 IONOSPHERE	91045		B	5-2180 FK-SPEKTREN	1
SA		1-2467 FK-SPEKTREN	73325			11-1795 PLASMA	57253	JONGEJANS		3- 861 STARKE WW.	1
TL	8-	63 UNTERRICHT	12030			12-3340 LUFTHUELLE	90880			5- 894 STARKE WW.	1
		11-3503 STRAHL.BIOL	97010		DP	3-2237 SUPRALEITG.	70550			5- 896 STARKE WW.	1
V		6-2255 MAGN.EIG.FK	69040			10- 891 STARKE WW.	41725			5- 897 STARKE WW.	1
WB	3-	804 STARKE WW.	41730		DW	12-1650 MOLEKUELE	52550			6- 835 STARKE WW.	1
		5- 749 KERN-MESSG.	40555		ED	1-2045 FK-SPEKTREN	73370			6- 836 STARKE WW.	1
WR		1-1020 KERN-SPEKTR.	42510			3-2036 FK-SPEKTREN	73370	JONKER	CC	1- 797 ELEMENTART.	1
		9-1158 ATOME	52010			5-2162 FK-SPEKTREN	73370		GH	9-2283 HALBLEITER	1
		10-1478 ATOME	52075			5-2229 MAGN.EIG.FK	69025		JE	6- 91 QUANTENTHEO	1
		12-1127 STARKE WW.	41775			11-2974 FK-SPEKTREN	73370	JONKMAN	RM	10-1800 GASE	1
WS		11-2133 KRIST.FEHL.	66065		EL	6-2437 HALBLEITER	71540			10-1801 GASE	1
JOHNSON JR.	CH	11- 895 STARKE WW.	41770			12-2790 HALBLEITER	71540			10-1802 GASE	1
		11- 896 STARKE WW.	41773		ER	3-1927 GITTERDYN.	67020	JONSCHER	AK	6-2658 DUENNE SCHI	1
CS		1-1500 MOLEKUELE	52562		EW	8- 448 WAERME	24026			11-3094 DUENNE SCHI	1
		8- 90 UNTERRICHT	12055			11- 510 OPT.INSTRUM	28553	JONSSON	A	10-1346 K-REAKTOREN	1
		10-1561 MOLEKUELE	52547		FC	10- 850 ELEMENTART.	41563		GG	6-1033 KERNREAKTIO	1
EG		12-1833 PLASMA	57093		FE	5- 413 WAERME	24070			11-1206 KERNREAKTIO	1
JS		12-2007 FLUESSIGK.	58546		FW	3-2727 GEOMAGNET.	90460		L	4- 813 KERN-MESSG.	1
WH		7-1726 FLUESSIGK.	58543			7-2708 GEOMAGNET.	90450	JOOS	H	3- 756 ELEMENTART.	1
		11-1072 KERN-SPEKTR.	42550		G	2-2236 LEITFHGK.FK	70060			5- 135 QUANTENTHEO	1
JOHNSTON	AR	7-1004 KERNSTRUKT.	42010			9-2168 LEITFHGK.FK	70024		P	4- 886 ELEMENTART.	1
		10-1016 KERNSTRUKT.	42010		GA	2-2617 DUENNE SCHI	74050			4- 897 ELEMENTART.	1
AS	6-	964 KERN-SPEKTR.	42560			3- 956 KERN-SPEKTR.	42560			8- 902 ELEMENTART.	1
D	9-	2558 OPT.EIG.FK	73610			9- 265 MECHANIK	22036			11- 742 ELEMENTART.	1
DR	3-	2795 LUFTHUELLE	90860		GD	1-1244 KERNREAKTIO	43064	JORDAN	B	12- 950 ELEMENTART.	1
QB	11-	2058 KRISTALLE	65588			1-1248 KERNREAKTIO	43066		C	7- 858 ELEMENTART.	1
		11-2059 KRISTALLE	65588			1-2484 FK-SPEKTREN	73330		CL	8-2848 SONNENPHYS.	1
HS	11-	573 KERN-MESSG.	40505			7-1082 KERN-SPEKTR.	42545			4- 886 ELEMENTART.	1
IA	12-	2274 KRIST.FEHL.	66035			7-1083 KERN-SPEKTR.	42545			4- 897 ELEMENTART.	1
ID	9-	2966 KOSM.PHYSIK	94520			7-1193 KERNREAKTIO	43054			8- 902 ELEMENTART.	1
JR	6-	1657 FLUESSIGK.	58525			8-1136 KERN-SPEKTR.	42550			11- 742 ELEMENTART.	1
KH	5-	2662 OPT.EIG.FK	73645			9-2442 FK-SPEKTREN	73330			11- 884 STARKE WW.	1
LH	10-	870 ELEMENTART.	41574			10-1255 KERNREAKTIO	43054			12- 950 ELEMENTART.	1
PD	9-	1594 GASENTLADG.	57880		GP	10-1297 KERNREAKTIO	43075		ED	7- 816 KERN-MESSG.	1
PC	11-	3111 DUENNE SCHI	74050			4-2098 FK-SPEKTREN	73370		JE	3-1282 MOLEKUELE	1
RR	5-	1279 ATOME	52047		GR	9-2397 FK-SPEKTREN	73325		P	2- 230 FELDTHEORIE	1
T	5-	1462 MOLEKUELE	52570			9-2407 FK-SPEKTREN	73325			4- 196 QUANTENTHEO	1
TF	3-	799 STARKE WW.	41725		HF	4- 234 QUANTENTHEO	16578			7- 51 BUECHER	1
JOHNSTON III	W.D.	8- 644 OPT.INSTRUM	28545			6- 766 STARKE WW.	41725			10-3009 PLANETEN	1
JOHNSTON JR.	M.D.				IR	7- 966 STARKE WW.	41755		S	12- 768 KERN-MESSG.	1
		6-1714 FLUESSIGK.	58557			1- 91 VAKUUM	13016		TF	5-2101 GITTERDYN.	1
WD	3-	2539 OPT.EIG.FK	73610			11-1802 PLASMA	57260			10- 304 FELDTHEORIE	1
		11-2894 FK-SPEKTREN	73340		JB	8-2558 FK-SPEKTREN	73370			10- 306 FELDTHEORIE	1
JOHNSTONE	AD	2-2811 MAGNETOSPH.	91226		JK	3-2780 KOSM.STRLG.	90646		WC	4-2876 KOSM.PHYSIK	1
IP	6-	893 KERNSTRUKT.	42070		JR	3- 304 HYDRODYNAM.	23020			11-3434 KOSM.PHYSIK	1
		9- 947 KERN-SPEKTR.	42545			4- 398 HYDRODYNAM.	23020	JORDAN JR.	JA	4- 98 UNTERRICHT	1
JOINER	WCH	5-2415 SUPRALEITG.	70520		KL	12-3356 IONOSPHERE	91045	JORDANOV	D	10-2910 LUFTHUELLE	1
		9-2223 SUPRALEITG.	70530		KN	6- 999 KERN-SPEKTR.	42570	JORGENSEN	CK	5-2953 FK-SPEKTREN	1
		11-2610 SUPRALEITG.	70520		KW	2- 944 KERN-SPEKTR.	42540		DW	5- 354 HYDRODYNAM.	1
JOKI	EG	11-3303 IONOSPHERE	91020			2-2342 HALBLEITER	71530		HE	7-2905 STERNE	1
JOKIC	T	11-3168 GRENZFL.FK	74535		L	12-1211 KERN-SPEKTR.	42545		M	1-1131 KERN-SPEKTR.	1
JOKIPII	JR	5-2947 KOSM.PHYSIK	94530			7- 877 ELEMENTART.	41574		MH	1-2353 HALBLEITER	1
		6-2776 KOSM.STRLG.	90630			7- 956 STARKE WW.	41755			2-1910 GITTERDYN.	1
		9-2974 KOSM.PHYSIK	94530			7- 957 STARKE WW.	41755			3- 429 HF-TECHNIK	1
		10-2945 MAGNETOSPH.	91270			8- 917 STARKE WW.	41700			11-2715 HALBLEITER	1
JOLAS	A	12-3307 KOSM.STRLG.	90636		LH	11- 777 STARKE WW.	41720		PJ	4-2501 FK-SPEKTREN	1
JOLICOEUR	C	9-1571 PLASMA	57276			5-1401 MOLEKUELE	52536	JORNA	S	12- 645 MASER,LASER	1
JOLIVET	A	12- 479 WAERME	24040			7- 567 MASER,LASER	28055	JORTNER	J	1-1738 FLUESSIGK.	1
JOLKIN	CV	11- 358 ELEKTRIZIT.	26010		LW	8-1426 MOLEKUELE	52536			2-1245 MOLEKUELE	1
JOLLEY	W	6- 629 BESCHLEUNIG	41010			8- 979 STARKE WW.	41740			2-2223 LEITFHGK.FK	1
JOLLY	HP	4-1839 KRISTALLE	65510			9- 864 STARKE WW.	41762			6-1588 GASE	1
		7-1154 KERNREAKTIO	43012		MC	12-1004 STARKE WW.	41725			8-2279 LEITFHGK.FK	1
	RK	3- 956 KERN-SPEKTR.	42560			8-2488 FK-SPEKTREN	73330			9-1238 ATOME	1
JOLOS	TA	7-1883 KRIST.FEHL.	66025		MD	10-2718 OPT.EIG.FK	73640			11-1521 MOLEKUELE	1
JOLY	RV	3- 901 KERNSTRUKT.	42075		MW	5- 275 MECHANIK	22038	JORY	RL	4-1421 ATOME	1
	JP	2-1581 FLUESSIGK.	58562		OE	10-2112 MECH.EIG.FK	66550	JOSEFSON	AM	9-2333 HALBLEITER	1
	S	5- 487 TEILCH.OPT.	27010		PB	6- 688 ELEMENTART.	41546	JOSEPH	A	2- 102 QUANTENTHEO	1
JOLY CABARET F		5- 123 MATH.PHYSIK	16020		PC	1W-2060 FLUESSIGK.	58568			7- 149 QUANTENTHEO	1
JONA	F	2-2642 GRENZFL.FK	74520		PL	10-1810 FLUESSIGK.	58520			7- 150 QUANTENTHEO	1
		3-2659 GRENZFL.FK	74510			10-2746 DUENNE SCHI	74010			7- 157 QUANTENTHEO	1
		5-2690 DUENNE SCHI	74010		RA	8- 694 PHYS.OPTIK	29015			12- 177 QUANTENTHEO	1
		8-1890 KRISTALLE	65574		RB	6- 650 ELEMENTART.	41510		AS	5-2310 LEITFHGK.FK	1
JONA LASINIO B		9-2663 GRENZFL.FK	74520			10- 229 QUANTENTHEO	16582			7-2267 SUPRALEITG.	1
JONAS	JJ	7- 188 QU.FELDTHEO	17010		RE	6-2691 DUENNE SCHI	74060		C	3-1029 KERNREAKTIO	1
JONATHAN	N	6-2049 MECH.EIG.FK	66540		RH	2-2292 SUPRALEITG.	70520			4-1266 KERNREAKTIO	1
JONCICH	MJ	12- 152 VAKUUM	13025		RG	12-2496 DIELEKTRIKA	68050			6- 549 KERN-MESSG.	1
JONES		1- 421 WAERME	24040		RL	1-2384 HALBLEITER	71563			6-1054 KERNREAKTIO	1
	A	6-1062 KERNREAKTIO	43048		RR	5-2591 FK-SPEKTREN	73330			7-1189 KERNREAKTIO	1
	ADW	11-1064 KERN-SPEKTR.	42545			12-1615 MOLEKUELE	52530		G	2-2836 SONNENPHYS.	1
	AF	4- 125 MESSEN	12240		RO	12-2648 LEITFHGK.FK	70045		JH	2- 381 ELEKTRIZIT.	1
	AR	5- 678 PHYS.OPTIK	29043		RS	12-2649 LEITFHGK.FK	70045		KB	4-2724 LUFTHUELLE	1
	AV	5-1633 PLASMA	57206			1- 857 STARKE WW.	41725		PM	1-1472 MOLEKUELE	1
		3-2729 GEOMAGNET.	90470			2- 784 STARKE WW.	41725			5- 839 ELEMENTART.	1
		4- 25 BIOGRAPHIEN	10230			4-1012 STARKE WW.	41767			6- 722 ELEMENTART.	1
		11-3287 LUFTHUELLE	90870		RV	5- 909 STARKE WW.	41740			12- 959 ELEMENTART.	1
BF		8-2521 FK-SPEKTREN	73355			1-2735 LUFTHUELLE	90830		RI	6-2230 MAGN.EIG.FK	1
BK		5-1749 FLUESSIGK.	58527			6-2944 KOSM.PHYSIK	94520	JOSEPHSON	BD	11- 343 THERMODYN.	1
		9-1969 GITTERDYN.	67060		S	12-2464 DIELEKTRIKA	68020			11- 344 THERMODYN.	1
		12- 385 MECHANIK	22036			6- 550 KERN-MESSG.	40510	JOSEPHY	K	3-1447 PLASMA	1
BL		7-2381 PHOTOLEITG.	72500		SJ	7-2113 DIELEKTRIKA	68020	JOSHI	AW	4-2142 MAGN.EIG.FK	1
BW		8-2122 DIELEKTRIKA	68020		TA	3-1857 MECH.EIG.FK	66516			4-2157 MAGN.EIG.FK	1
CC		12- 787 KERN-MESSG.	40518		TB	8-2557 FK-SPEKTREN	73370			5-2293 MAGN.EIG.FK	1
CE		2- 131 QUANTENTHEO	16582		TC	3-1429 PLASMA	57203		BD	7-1391 MOLEKUELE	1
		2- 136 QUANTENTHEO	16582		WC	1-1758 FLUESSIGK.	58540		BK	7-1654 GASE	1
		2- 138 QUANTENTHEO	16582		WD	3-1406 PLASMA	57080		BV	7-1257 K-REAKTOREN	1
		2-2523 OPT.EIG.FK	73605			5-1593 PLASMA	57080			8-1277 KERNSTRHLG.	1
		10-2688 OPT.EIG.FK	73605		WE	11-1748 PLASMA	57080		GC	9- 156 QUANTENTHEO	1
CK		3-1935 GITTERDYN.	67060			12-1276 MOLEKUELE	52524			10- 938 STARKE WW.	1
		7-2283 SUPRALEITG.	70520			4-1494 MOLEKUELE	52524		MC	4-1127 KERN-SPEKTR.	1
		10-2150 GITTERDYN.	67060			11-1527 MOLEKUELE	52524			11-1113 KERN-SPEKTR.	1
		11-2623 SUPRALEITG.	70540		WG	12-1684 MOLEKUELE	52575		ML	3-1768 KRIST.FEHL.	1
		12-2705 SUPRALEITG.	70530		WJD	12-1109 STARKE WW.	41764		MM	2-1275 MOLEKUELE	1
CM		11- 941 KERNSTRUKT.	42010			5-2057 MECH.EIG.FK	66556		MS	4-1500 MOLEKUELE	1
		12-1197 KERN-SPEKTR.	42535		WL	6- 268 HYDRODYNAM.	23050		RK	6-1790 KRISTALLE	1
DE		3-2838 MAGNETOSPH.	91223		WM	9-1617 GASE	58040			2-1506 GASE	1
		5-2803 GEOMAGNET.	90440			10-1856 FLUESSIGK.	58555			4-1742 GASE	1
		5-2872 MAGNETOSPH.	91270		YW	10-2208 DIELEKTRIKA	68020	JOSILEVSKII YA	RV	3-2577 OPT.EIG.FK	1
		7-2823 MAGNETOSPH.	91280	JONES JR.	WB	3- 367 THERMODYN.	24520	JOSS	J	4-2004 GITTERDYN.	1
						2- 465 MASER,LASER	28040				

JOST - KAISER

A	7-2452	FK-SPEKTREN	73335	JUNGINGER	HG	2-2204	LEITFHGK.FK	70026	KADOTA	S	4-2182	MAGN.EIG.FK	69050
K	2-1213	ATOME	52070	JUNGK	G	10-2514	PHOTOLEITG.	72510	KADOTANI	H	9-1151	KERNSTRHLG.	44010
KH	7-1343	ATOME	52070	JUNGLING	KC	12-1637	MOLEKUELE	52540	KADYK	JA	3- 744	ELEMENTART.	41546
P	11-3253	KOSM.STRLG.	90633	JUNGWIRTH	K	11-1737	PLASMA	57070	KADYKOV	GM	4- 821	KERN-MESSG.	40560
W	7- 8	BIOGRAPHIEN	10212	JUNKER	J	12-1876	PLASMA	57263	KADYSHEVICH	AE	9-1921	MECH.EIG.FK	66514
NIC	10-2163	THERMEIG.FK	67510	JUNKIN	WF	6-1078	KERNREAKTIO	43060	KADYSHEVSKII	V.G.	10- 954	STARKE WW.	41753
J	9- 57	LABORTECHN.	12510	JUNOD	P	5-2288	MAGN.EIG.FK	69065	KADYSHEVSKY	VG	12- 247	QUANTENTHEO	16578
F	5-1535	PLASMA	57017	JUNQUA	A	5-2681	OPT.EIG.FK	73630	KADZHAR	CO	12- 248	QUANTENTHEO	16578
PN	12- 453	HYDRODYNAM.	23060	JUNTER LE	N	11-2933	FK-SPEKTREN	73360	KAECK	JA	11-1519	MOLEKUELE	52516
B	6-1932	KRIST.FEHL.	66035	JUPP	A	7-2885	PLANETEN	93655	KAELLEN	G	7-2501	FK-SPEKTREN	73370
J	7- 473	TEILCH.OPT.	27040	JURA	G	1-1932	MECH.EIG.FK	66540	KAELLEN	JA	3- 748	ELEMENTART.	41546
J	2- 595	PHYS.OPTIK	29048	JURAK	A	3-1748	KRIST.FEHL.	66020	KAEMPF	B	10- 845	ELEMENTART.	41560
J	5- 695	PHYS.OPTIK	29048	JURAK	V	6-2108	THERMEIG.FK	67500	KAEMPFER	FA	11- 143	QU.FELDTHEO	17000
J	5-2373	LEITFHGK.FK	70056	JURAS	V	10-2876	KOSM.STRLG.	90640	KAEMPFER	W	7-1487	POLYMERE	53530
J	10-2140	GITTERDYN.	67020	JUREK	B	12- 505	ELEKTRIZIT.	26010	KAENZIG	W	3- 327	FELDTHEORIE	18060
J	1-1579	PLASMA	57045	JURELA	Z	11- 562	PHYS.OPTIK	29073	KAENZIG	W	6-1892	KRIST.FEHL.	66025
J	10-1139	KERNESPEKTR.	42560	JUREWICZ	A	11-1385	KERNSTRHLG.	44030	KAESTNER	R	7-1888	KRIST.FEHL.	66025
J	2- 987	KERNESPEKTR.	42565	JURKUS	A	5- 832	ELEMENTART.	41574	KAESTNER	R	11-2272	DIELEKTRIKA	68020
J	8- 148	VAKUUM	13020	JURKUS	A	12- 558	HF-TECHNIK	27500	KAESTNER	R	12-2246	KRIST.FEHL.	66025
J	4-1246	KERNREAKTIO	43054	JURNEY	ET	10-1120	KERNESPEKTR.	42555	KAESTNER	R	3- 976	KERNESPEKTR.	42565
J	11- 930	STARKE WW.	41790	JURSIK	J	6- 975	KERNESPEKTR.	42560	KAESTNER	R	3-1040	KERNREAKTIO	43048
P	1-2494	FK-SPEKTREN	73330	JURY	SH	4- 490	THERMODYN.	24530	KAESTNER	R	3-1041	KERNREAKTIO	43048
P	2-1249	MOLEKUELE	52530	JURY	SH	5- 412	WAERME	24070	KAESTNER	R	8-1167	KERNESPEKTR.	42565
P	6-2542	FK-SPEKTREN	73330	JURY	SH	6- 316	THERMODYN.	24533	KAESTNER	R	5-1505	POLYMERE	53535
P	1- 223	QU.FELDTHEO	17040	JUSICK	AT	2-2766	IONOSPHERE	91020	KAESTNER	R	10-1628	POLYMERE	53544
P	2- 202	ELEMENTART.	41560	JUSKA	G	4-2400	PHOTOLEITG.	72510	KAESTNER	R	3- 364	WAERME	24060
P	7- 205	QU.FELDTHEO	17025	JUSOFIE	MJ	2- 317	AKUSTIK	23550	KAESTNER	R	7-2395	PHOTOLEITG.	72530
P	9- 198	QU.FELDTHEO	17025	JUSTICE	JC	6-1739	FLUESSIGK.	58565	KAESTNER	R	11- 399	TEILCH.OPT.	27068
P	9- 202	QU.FELDTHEO	17040	JUSTICE	JC	6-1740	FLUESSIGK.	58565	KAESTNER	R	11-2795	PHOTOLEITG.	72510
P	9- 728	ELEMENTART.	41535	JUSTICE	JC	9-1704	FLUESSIGK.	58565	KAESTNER	R	9-2478	FK-SPEKTREN	73355
MM	1-1281	K-REAKTOREN	43510	JUSTUS	CG	7-2749	LUFTHUELLE	90840	KAESTNER	R	11- 441	MASER,LASER	28040
J	1- 396	AKUSTIK	23520	JUTSON	JA	12-2165	KRISTALLE	65572	KAESTNER	R	1-2377	HALBLEITER	71540
J	4- 442	AKUSTIK	23520	JUULMAN	COL	6- 485	OPT.INSTRUM	28545	KAESTNER	R	2-2358	HALBLEITER	71540
AS	12-3219	GRENZFL.FK	74510	JUZEEV	UD	7-2564	OPT.EIG.FK	73645	KAESTNER	R	9-2259	HALBLEITER	71530
DC	8-2155	MAGN.EIG.FK	69010	JUZUMKULOV	T	6-1448	PLASMA	57050	KAESTNER	R	9-2311	GITTERDYN.	67060
HW	3-1122	ATOME	52010	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	12-2608	GITTERDYN.	67060
HW	4-2212	LEITFHGK.FK	70024	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	6-2391	METAL.LEITG	71000
HW	5-1382	MOLEKUELE	52516	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	10-1965	KRISTALLE	65572
HW	6-1273	MOLEKUELE	52516	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	1-1404	PLASMA	57210
HW	11-1396	ATOME	52010	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	3-1170	PLASMA	57010
HW	11-2538	LEITFHGK.FK	70024	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	4-1390	PLASMA	57010
BA	12-3166	DUEENNE SCHI	74010	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	6-1241	ATOME	52070
BD	4-2537	DUEENNE SCHI	74010	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	9-1209	ATOME	52047
G	7-1510	PLASMA	57017	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	9-1586	GASENTLADG.	57840
G	9-1543	PLASMA	57235	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	11-1388	KERNSTRHLG.	44033
GR	2-1354	PLASMA	57033	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	12-1896	GASENTLADG.	57840
GS	4- 310	STATISTIK	17566	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	12-1912	GASENTLADG.	57880
GS	5-2238	MAGN.EIG.FK	69025	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	1-2037	DIELEKTRIKA	68050
JM	7-1096	KERNESPEKTR.	42555	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	1-2317	HALBLEITER	71520
JM	7-1101	KERNESPEKTR.	42555	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	4-2258	LEITFHGK.FK	70065
P	2-1814	KRIST.FEHL.	66079	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	5- 410	WAERME	24060
P	5-2778	GRENZFL.FK	74560	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	5-1753	FLUESSIGK.	58525
J	6-2629	DUEENNE SCHI	74010	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	5-2098	GITTERDYN.	67060
J	5- 376	WAERME	24000	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	7- 1	BIOGRAPHIEN	10212
A	4-1357	ATOME	52020	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	9-2173	LEITFHGK.FK	70024
A	6- 100	QUANTENTHEO	16516	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	9-2174	LEITFHGK.FK	70024
A	6- 924	KERNESPEKTR.	42540	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	10-1826	FLUESSIGK.	58525
A	6-1175	ATOME	52020	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	7- 788	KERNREAKTIO	43024
A	8-1303	ATOME	52010	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	3- 964	KERNESPEKTR.	42560
A	9-1167	ATOME	52010	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	5-1114	KERNSTRHLG.	44033
A	11-1409	ATOME	52010	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	8-2872	PLANETEN	93610
A	11-1410	ATOME	52010	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	10-1353	K-REAKTOREN	43515
A	12-1484	ATOME	52010	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	9- 609	PHYS.OPTIK	29040
AP	10- 154	QUANTENTHEO	16516	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	1-2535	OPT.EIG.FK	73605
BR	1-1389	ATOME	52030	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	9-1438	PLASMA	57015
BR	4-1342	ATOME	52010	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	5-2465	HALBLEITER	71530
DB	9- 120	QUANTENTHEO	16516	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	10-2580	FK-SPEKTREN	73325
DB	1-2866	SEHEN	96618	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	12-1127	STARKE WW.	41775
B	1-2716	KOSM.STRLG.	90630	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	4-2656	ERDKOERPER	90210
DL	10- 745	KERN-MESSG.	40565	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	4-2657	ERDKOERPER	90210
DL	2-2816	MAGNETOSPH.	91280	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	11-3378	PLANETEN	93610
FD	10-1344	K-REAKTOREN	43515	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	6-2191	FK-SPEKTREN	73355
VM	2-2111	MAGN.EIG.FK	69040	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	8-1835	KRISTALLE	65510
VM	12-3111	OPT.EIG.FK	73610	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	8-1836	KRISTALLE	65510
W	6- 582	KERN-MESSG.	40527	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	10-2742	DUEENNE SCHI	74000
W	5- 616	OPT.INSTRUM	28530	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	4-2380	HALBLEITER	71585
W	10-2686	OPT.EIG.FK	73605	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	12-2198	KRISTALLE	65584
R	2-1573	FLUESSIGK.	58550	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	6-1598	GASE	58025
R	9-1309	MOLEKUELE	52536	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	8- 987	STARKE WW.	41748
RE	6- 815	STARKE WW.	41764	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	4- 570	HF-TECHNIK	27530
JB	8- 1	ALLGEMEINES	10000	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	6-1980	KRIST.FEHL.	66062
S	3-1384	PLASMA	57055	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	9-1680	FLUESSIGK.	58546
S	6-1460	PLASMA	57055	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	12-3394	SONNENPHYS.	93324
A	8-2996	KOSM.PHYSIK	94560	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	5- 862	STARKE WW.	41700
A	8-1406	MOLEKUELE	52516	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	2- 882	STARKE WW.	41764
A	9-1267	MOLEKUELE	52512	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	6- 147	QUANTENTHEO	16582
GM	10-1497	MOLEKUELE	52510	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	12-1053	STARKE WW.	41740
GM	1-1119	KERNESPEKTR.	42560	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	6-2310	LEITFHGK.FK	70028
J	6- 964	KERNESPEKTR.	42560	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	9-2181	LEITFHGK.FK	70028
J	3-1032	KERNREAKTIO	43044	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	11-2725	HALBLEITER	71550
J	5-1101	KERNESPEKTR.	42570	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	10- 737	KERN-MESSG.	40530
R	10-1235	KERNREAKTIO	43046	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	6-2876	SONNENPHYS.	93340
R	8- 819	BESCHLEUNIG	41020	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	4-2458	FK-SPEKTREN	73330
POUZOL M.	8-1917	KRISTALLE	65588	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	12- 653	MASER,LASER	28060
EV	4- 726	PHYS.OPTIK	29033	JUZUMKULOV	T	6-1449	PLASMA	57050	KAESTNER	R	3-2346	SUPRALEITG.	70560
EV	4- 727	PHYS.OPTIK</											

KAISER	W	4-1131	KERNSPEKTR.	42565	KALISH	R	9-1763	KRISTALLE	65545	KAMINOW	IP	12-2930	FK-SPEKTREN
		5- 38	BUECHER	11040		S	5- 402	WAERME	24060	KAMINS	TI	11-2560	LEITFHGK.FK
		6-1062	KERNREAKTIO	43048	KALISHEVICH	GI	5- 426	THERMODYN.	24510	KAMINSKI	A	9- 654	KERN-MESSG.
		8-1812	FLUESSIGK.	58573	KALKOFEN	W	10-1481	ATOME	52075		H	11-3214	GEOPHYSIK
		9- 956	KERNSPEKTR.	42555			11-3396	STERNE	94020		KJ	11-1854	GASE
		12-2070	FLUESSIGK.	58573	KALLEL	A	9-2080	MAGN.EIG.FK	69010		RK	7- 64	LABORTECHN.
KAITMAZOV	SD	12-2932	FK-SPEKTREN	73340	KALLEND	AM	4-1703	PLASMA	57010	KAMINSKII	AA	1- 555	MASER, LASER
KAJANTIE	K	8- 579	MASER, LASER	28040	KALLFELZ	JM	1-1305	KERNSTRHLG.	44010		2- 470	MASER, LASER	
		1- 935	STARKE WW.	41760			7-1265	KERNSTRHLG.	44010		2- 471	MASER, LASER	
		2- 691	ELEMENTART.	41510	KALLI	H	10-1341	K-REAKTOREN	43515		3- 507	MASER, LASER	
		5- 949	STARKE WW.	41755	KALLIO	A	1- 980	KERNSTRUKT.	42020		4- 623	MASER, LASER	
		8- 241	QUANTENTHEO	16582			1- 997	KERNSTRUKT.	42070		6- 405	MASER, LASER	
		9- 167	QUANTENTHEO	16582	KALLIOMAEKI	K	12- 564	HF-TECHNIK	27530		6-2003	KRIST.FEHL.	
KAJFOSZ	J	10- 227	QUANTENTHEO	16582	KALLMANN	H	3-2460	PHOTOLEITG.	72510		7- 520	MASER, LASER	
		8-1078	KERNSTRUKT.	42045			8-2626	OPT.EIG.FK	73655		7-2428	FK-SPEKTREN	
		8-1132	KERNSPEKTR.	42545			11-3468	BIOPHYSIK	96000		11- 444	MASER, LASER	
KAJGORODOV	VA	6- 432	MASER, LASER	28060	KALLMEYER	G	6-1147	KERNSTRHLG.	44030	KAMINSKY	AS	3-2418	HALBLEITER
KAJI	G	4-1998	MECH.EIG.FK	66553	KALM	H	8-1149	KERNSPEKTR.	42555		2-2353	HALBLEITER	
KAJIMURA	K	3-1936	GITTERDYN.	70060	KALMAN	CS	3- 938	KERNSPEKTR.	42545		3-2493	FK-SPEKTREN	
KAJIWARA	S	3-1719	MECH.EIG.FK	66545		G	1- 243	STATISTIK	17563		6-2317	LEITFHGK.FK	
		7-2598	DUENNE SCHI	74020			3-1327	PLASMA	57017	KAMISHINA	Y	2-1318	MOLEKUELE
		12-2286	KRIST.FEHL.	66035			9-1525	PLASMA	57093	KAMITSUBO	H	10-1269	KERNREAKTIO
KAJIYAMA	K	3-2438	HALBLEITER	71570	KALMUS	GE	5- 804	ELEMENTART.	41546	KAMKE	D	5-1154	KERNREAKTIO
KAJZAR	F	5- 987	STARKE WW.	41780	KALMYKOV	AA	6-1559	PLASMA	57270		6- 585	KERN-MESSG.	
KAKAR	AK	3-1881	MECH.EIG.FK	66540		HH	10-2879	KOSH.STRLG.	90646	KAMLAH	A	10-1045	KERNSTRUKT.
		12-2360	MECH.EIG.FK	66550		NN	11-3268	KOSH.STRLG.	90646	KAMLET	MJ	10- 460	THERMODYN.
KAKAURIDZE	DB	6- 857	STARKE WW.	41783			11-3269	KOSH.STRLG.	90646		10- 461	THERMODYN.	
KAKEHI	M	12-3202	DUENNE SCHI	74040	KALMYKOVA	SS	11- 419	HF-TECHNIK	27530		10- 462	THERMODYN.	
KAKHANOVICH	VS	10- 365	HYDRODYNAM.	23010	KALNAY	AJ	2- 159	QU.FELDTHEO	17015	KAMMERER	JB	3- 250	FELDTHEORIE
KAKHIDZE	NG	9-1899	KRIST.FEHL.	66076	KALNAYA	GI	4-2198	MAGN.EIG.FK	69065		OF	1-2277	SUPRALEITG.
KAKICHASHVILI	S.D.						9-2115	MAGN.EIG.FK	69035		11-2648	SUPRALEITG.	
		2- 558	OPT.INSTRUM	28570	KALNIN	AA	4-2371	HALBLEITER	71570	KAMMURI	T	1-1014	KERNSTRUKT.
		11- 524	OPT.INSTRUM	28570		TK	4-1638	PLASMA	57053	KAMOLDINOV	MG	4-2394	PHOTOLEITG.
KAKIHAWA	S	7-2232	LEITFHGK.FK	70056	KALNINSH	DO	8-1998	KRIST.FEHL.	66065		4-2409	PHOTOLEITG.	
KAKIMOTO	A	5-1735	FLUESSIGK.	58510	KALOGEROPOULOS	T.				KAMOUN	R	7- 738	KERN-MESSG.
KAKINOKI	J	8-1884	KRISTALLE	65572			12-1055	STARKE WW.	41745	KAMP OP DEN A.M.F.			
KAKITAMI	T	10-2399	LEITFHGK.FK	70076	KALONI	PN	4- 394	HYDRODYNAM.	23020		3-1023	KERNREAKTIO	
KAKUSHO	O	7-2964	HOEREN	96320	KALOTAS	T	11-1498	MOLEKUELE	52512	KAMP VAN DER G.S.J.		12-1848	PLASMA
		12-3491	HOEREN	96320	KALRA	GI	4-1647	PLASMA	57055		J.		
KAKUTANI	T	7-1569	PLASMA	57080		GL	2-1377	PLASMA	57055	KAMPE DE FERIE	T	5- 658	PHYS.OPTIK
KALABA	R	10-1710	PLASMA	57080			9-1476	PLASMA	57055				
		3-1114	KERNSTRHLG.	44033			9-1482	PLASMA	57055	KAMPEN VAN NG		2-2426	PHOTOLEITG.
		8-2872	PLANETEN	93610			11-1727	PLASMA	57055		3- 139	QUANTENTHEO	
		10-1353	K-REAKTOREN	43515	KALUGIN	VN	6-1456	PLASMA	57045	KAMPER	RA	10- 504	ELEKTRODYN.
	RE	9- 609	PHYS.OPTIK	29040	KALUS	J	2-1630	KRISTALLE	65540	KAMPRATH	W	5-2399	SUPRALEITG.
KALABEGISHVILI	T.L.						2-1631	KRISTALLE	65540	KAMRA	AK	6-2449	HALBLEITER
		11-2923	FK-SPEKTREN	73355			3-1651	FK-SPEKTREN	73310	KAMUNTAVICIUS	G.	4-1279	KERNREAKTIO
KALACHEV	AI	9-1679	FLUESSIGK.	58543			3-1652	FK-SPEKTREN	73310			6- 877	KERNSTRUKT.
KALAGHAN	PM	10-3088	KOSH.PHYSIK	94550	KALVA	Z	11-2382	MAGN.EIG.FK	69030	KAN	T	12- 626	MASER, LASER
KALANTAR	AH	12-2072	FLUESSIGK.	58573	KALVENAS	SP	6-2447	HALBLEITER	71540		YS	7- 370	WAERME
KALASHNIKOV	NP	7-1281	KERNSTRHLG.	44035			3-2407	HALBLEITER	71540			9- 433	ELEKTTRIZIT.
		10-1376	KERNSTRHLG.	44020			4-2353	HALBLEITER	71540	KANADA	H	1- 849	STARKE WW.
		10-2046	KRIST.FEHL.	66060	KALVIUS	GM	1-1820	KRISTALLE	65545		7- 921	STARKE WW.	
	SG	1-2377	HALBLEITER	71540			3-1631	FK-SPEKTREN	73310		8- 929	STARKE WW.	
		2-2358	HALBLEITER	71540			6-2275	MAGN.EIG.FK	69060		8- 972	STARKE WW.	
		3-1953	GITTERDYN.	70060	KALYGINA	VM	7-2357	HALBLEITER	71566		11- 850	STARKE WW.	
		7-2127	DIELEKTRIKA	68050	KAMACH	YE	7- 548	MASER, LASER	28045				
		9-2259	HALBLEITER	71530	KAMADA	H	7- 626	OPT.INSTRUM	28530		M	3-2387	HALBLEITER
		9-2310	HALBLEITER	71540	KAMADJIEV	P	11-3069	DUENNE SCHI	74010			5-2543	PHOTOLEITG.
	VK	4-1613	PLASMA	57050	KAMAKURA	S	6- 187	STATISTIK	17526			6-2312	LEITFHGK.FK
	VP	3-2257	LEITFHGK.FK	70072	KAMAL	AA	4- 900	ELEMENTART.	41563	KANAI	Y	10-2587	FK-SPEKTREN
		3-2266	LEITFHGK.FK	70072			4-1030	STARKE WW.	41790	KANAJI	T	8- 821	BESCHLEUNIG
		4-2352	HALBLEITER	71540			5-1158	KERNREAKTIO	43056	KANAMORI	H	12- 722	PHYS.OPTIK
		6-1809	KRISTALLE	65540			7-2728	KOSH.STRLG.	90646		J	6-2272	MAGN.EIG.FK
		10-2480	HALBLEITER	71540			9-2752	KOSH.STRLG.	90646			11-2007	KRISTALLE
	YA	11-2593	LEITFHGK.FK	70074			12-1132	STARKE WW.	41783			11-2380	MAGN.EIG.FK
KALASHNIKOVA	L.P.	2-1616	KRISTALLE	65510		AN	3- 731	ELEMENTART.	41540	KANAREK	T	12- 837	KERN-MESSG.
		10-1570	MOLEKUELE	52560			6- 761	STARKE WW.	41725		TI	5- 976	STARKE WW.
KALATA	K	8-2839	SonnenPHYS.	93300	KAMBARA	H	4-2010	GITTERDYN.	67020	KANARI	K	4-1571	POLYHIERE
KALBFLEISCH	GR	1- 963	STARKE WW.	41770	KAMBE	K	8- 605	MASER, LASER	28055	KANARIS	A	7- 884	ELEMENTART.
		5- 968	STARKE WW.	41764			1-1848	KRISTALLE	65574			9- 782	ELEMENTART.
		5- 979	STARKE WW.	41770			5-1885	KRISTALLE	65545	KANAVETS	IA	8-1559	PLASMA
		8-1042	STARKE WW.	41770			7- 683	PHYS.OPTIK	29038	KANAYTA	K	2- 434	TEILCH.OPT.
	H	6-2191	FK-SPEKTREN	73355		T	11- 301	HYDRODYNAM.	23030			2- 435	TEILCH.OPT.
KAL HEN	DA	2- 637	KERN-MESSG.	40518	KAMBERSKY	V	8-2172	MAGN.EIG.FK	69025			4- 555	TEILCH.OPT.
KALBITZER	S	1- 728	KERN-MESSG.	40520	KAMEFUCHI	S	1- 205	QU.FELDTHEO	17010			5- 504	TEILCH.OPT.
		2- 649	KERN-MESSG.	40540			2- 152	QU.FELDTHEO	17010			7- 465	TEILCH.OPT.
		4- 794	KERN-MESSG.	40520	KAMEI	H	6- 385	HF-TECHNIK	27560			8- 524	TEILCH.OPT.
		5-1041	KERNSPEKTR.	42540	KAMEJIMA	T	11-3023	OPT.EIG.FK	73635	KANAZAWA	A	8- 960	STARKE WW.
		7- 741	KERN-MESSG.	40510	KAMEL	MM	12- 413	HYDRODYNAM.	23020			8- 961	STARKE WW.
		9-2331	HALBLEITER	71580			6-2040	MECH.EIG.FK	66545		H	2- 193	STATISTIK
KALCHENKO	AI	11-1141	KERNSPEKTR.	42565	KAMENETSKAYA	D.S.					K	5-2359	LEITFHGK.FK
KALDOR	U	6-1333	FLUESSIGK.	58570			2-1535	FLUESSIGK.	58520	KANBARA	S	3-1899	MECH.EIG.FK
		10-1520	MOLEKUELE	52516	KAMENETSKII	VD	11- 117	QUANTENTHEO	16550	KANBE	T	12-2584	MAGN.EIG.FK
		11-1400	ATOME	52010			11- 118	QUANTENTHEO	16550	KANBOUR	F	1- 421	WAERME
KALER	JB	5-2940	KOSH.PHYSIK	94520	KAMENETSKY	VD	1- 685	PHYS.OPTIK	29045	KANCEREVICIUS	A.	6- 122	QUANTENTHEO
		7-2938	KOSH.PHYSIK	94550	KAMERKOVICH	VM	10-2894	LUFTHUELLE	90840			8-1331	ATOME
		9-2968	KOSH.PHYSIK	94520	KAMERDZHIEV	SP	9- 964	KERNSPEKTR.	42555			12-1525	ATOME
KALGANDV	VZ	5- 977	STARKE WW.	41764	KAMIGAICHI	T	10-2123	MECH.EIG.FK	66553	KANCHELI	OV	1- 816	ELEMENTART.
KALIBJIAN	R	4-1707	PLASMA	57213	KAMIGAKI	K	2-2118	MAGN.EIG.FK	69040			10- 230	QUANTENTHEO
KALIFA	J	12-1388	KERNREAKTIO	43075			3-1893	MECH.EIG.FK	66553			11- 908	STARKE WW.
KALIKHMAN	LE	4-1613	PLASMA	57050			3-1955	GITTERDYN.	70600	KANDA	E	1-2059	FK-SPEKTREN
KALIKINSKAYA	M.P.						6-2102	GITTERDYN.	70600		H	6- 751	STARKE WW.
		2- 398	ELEKTRODYN.	26540			10-2126	MECH.EIG.FK	66553		Y	2-1872	MECH.EIG.FK
KALINAUKAS	RA	11-1120	KERNSPEKTR.	42560			12-2597	MAGN.EIG.FK	69070			9- 478	HF-TECHNIK
KALINICHEV	YV	2- 963	KERNSPEKTR.	42545	KAMIJO	F	6-2920	STERNE	94030			9-1033	KERNREAKTIO
KALINII	SK	10-1411	ATOME	52020			7-2898	STERNE	94040	KANDAUROVA	GS	1-2127	MAGN.EIG.FK
KALININ	BN	2- 685	BESCHLEUNIG	41040			7-2899	STERNE	94040	KANDEL	R	9-2924	STERNE
		2- 686	BESCHLEUNIG	41040	KAMIKAWA	T	8-1953	KRIST.FEHL.	66030			10-3045	STERNE
	EK	2- 282	HYDRODYNAM.	23040	KAMIMURA	H	1-2191	LEITFHGK.FK	70028	KANDIAH	K	9- 636	KERN-MESSG.
		7- 407	WAERME	24060			8- 31	TAGUNGEN	10560	KANE	EO	1-2672	GRENZFL.FK
	NA	11- 477	MASER, LASER	28055			10-1944	KRISTALLE	65545			3-2248	LEITFHGK.FK
		11- 478	MASER, LASER	28055			12-2639	LEITFHGK.FK	70028		GL	6- 844	STARKE WW.
	PI	9-2030	THERMEIG.FK	67550		M	11-1041	KERNSPEKTR.	42540		J	3- 670	KERN-MESSG.
	VP												

KANE - KARTASHEVA

WR	8-1207	KERNREAKTIO	43048	KAPITZA	SP	7-1246	KERNREAKTIO	43092	KARCZ	W	2-1080	KERNREAKTIO	43080
JW	3-1426	PLASMA	57093	KAPLAN	DE	3-1424	PLASMA	57093	KARDASEV	BK	9-1923	MECH.EIG.FK	66514
MA	3-1752	KRIST.FEHL.	66020			12-1851	PLASMA	57206	KARDASHEV	BK	2-1830	MECH.EIG.FK	66514
N	6-2643	DUENNE SCHI	74010			12-2560	MAGN.EIG.FK	69045			3-1871	MECH.EIG.FK	66514
CR	12-2847	FK-SPEKTREN	73310		I	6-1120	K-REAKTOREN	43515		N	7-2947	KOSM.PHYSIK	94583
M	8-1505	POLYMERE	53525			10-1366	KERNSTRHLG.	44010		NS	8-2778	LUFTHUELLE	90860
	8-1506	POLYMERE	53525		IG	5-1835	FLUESSIGK.	58573	KARELIN	AI	11-1547	MOLEKUELE	52536
S	9- 612	PHYS.OPTIK	29045		JM	1- 258	FELDTHEORIE	18020			12-1627	MOLEKUELE	52536
T	3-1893	MECH.EIG.FK	66553		LD	4-2833	PLANETEN	93612	KARETNIKOV	DV	9-1545	PLASMA	57235
	10-2126	MECH.EIG.FK	66553		LM	10- 151	QUANTENTHEO	16516			11- 655	BESCHLEUNIG	41010
	10-2303	MAGN.EIG.FK	69050		M	2-1633	KRISTALLE	65540		IA	6-2665	DUENNE SCHI	74040
	12-2597	MAGN.EIG.FK	69070			6-1012	KERNREAKTIO	43008	KARETSKAYA	SP	6-1002	KERNSPEKTR.	42570
Y	9- 680	KERN-MESSG.	40584			7-2406	FK-SPEKTREN	73310	KARGER	F	1-1655	PLASMA	57010
	9-1123	K-REAKTOREN	43520		N	11-2950	FK-SPEKTREN	73370			6-1555	PLASMA	57263
	9-1124	K-REAKTOREN	43520			11-2961	FK-SPEKTREN	73370			6-1556	PLASMA	57263
AKOS DP	9-1148	KERNSTRHLG.	44010		R	1-2389	HALBLEITER	71563		W	5-1787	FLUESSIGK.	58546
	3-2791	LUFTHUELLE	90840			9-2543	OPT.EIG.FK	73605	KARI	RE	4-1463	MOLEKUELE	52516
ATSU F	10-2930	IONOSPHERE	91050		S	8-1255	K-REAKTOREN	43515	KARIMOV	I	8-2075	GITTERDYN.	67020
	6- 608	KERN-MESSG.	40570			8-1257	K-REAKTOREN	43515			9-1966	GITTERDYN.	67040
	3-2085	MAGN.EIG.FK	69040			9-1108	K-REAKTOREN	43515		IZ	4-2346	HALBLEITER	71540
	11-2456	MAGN.EIG.FK	69060			9-1112	K-REAKTOREN	43515		R	10-1194	KERNREAKTIO	43016
DRI Y	12-2584	MAGN.EIG.FK	69060		SA	1-2837	KOSM.PHYSIK	94550	KARJAKIN	AV	6- 432	MASER,LASER	28060
EA	7- 812	KERN-MESSG.	40582			11-3362	SonnenPHYS.	93312			6-2621	OPT.EIG.FK	73670
	2-1915	GITTERDYN.	67060		KAPLAN DUFLO M	12-3389	SonnenPHYS.	93312	KARL	G	1-1450	MOLEKUELE	52512
	3-2235	LEITFHGK.FK	70056		KAPLIT	6- 181	STATISTIK	17510			2-1224	MOLEKUELE	52512
	4-2128	FK-SPEKTREN	73360		KAPLON	7-2666	GRENZFL.FK	74560	KARLE	JH	4-1344	ATOME	52010
	4-2135	FK-SPEKTREN	73365		M	7-2721	KOSM.STRLG.	90630	KARLE	J	9-1788	KRISTALLE	65572
	4-2257	LEITFHGK.FK	70065		MF	9- 648	KERN-MESSG.	40518	KARLIK	B	1- 9	BIOGRAPHIEN	10215
	6-2099	GITTERDYN.	67060		R	11-2038	KRISTALLE	65582	KARLOV	NV	5-2607	FK-SPEKTREN	73340
	7-2494	FK-SPEKTREN	73365		AB	1-1765	FLUESSIGK.	58540			7- 509	HF-TECHNIK	27540
	10-2348	LEITFHGK.FK	70020			6-1683	FLUESSIGK.	58540			12- 636	MASER,LASER	28055
	11-2680	HALBLEITER	71520		KAPLYANSKII AA	1-2551	OPT.EIG.FK	73625	KARLSSON	A	8-2664	DUENNE SCHI	74060
	12- 578	HF-TECHNIK	27560			5-2675	FK-SPEKTREN	73325		AV	5-1845	DISP.SYST.	59530
TROM I	8-1091	KERNSPEKTR.	42500			7-1903	KRIST.FEHL.	66030		B	10-3049	STERNE	94020
SKAYA EA	8-1092	KERNSPEKTR.	42500			8-2474	FK-SPEKTREN	73325		E	1-2132	MAGN.EIG.FK	69040
	6- 855	STARKE WW.	41783		KAPLYANSKY AA	12-2887	FK-SPEKTREN	73325			4-1127	KERNSPEKTR.	42560
	11- 910	STARKE WW.	41780		OP	6-2568	OPT.EIG.FK	73610			11-1128	KERNSPEKTR.	42565
	11- 920	STARKE WW.	41783		QS	1- 318	ELASTIZIT.	22520			12-2130	KRISTALLE	65545
BP	6-1730	FLUESSIGK.	58560			5-1257	ATOME	52022		R	5-3004	STRAHL.BIOL	97010
CS	4-2534	DUENNE SCHI	74010			10-1403	ATOME	52022		S	9- 660	KERN-MESSG.	40532
HY	3-1319	POLYMERE	53550		SS	12-1499	ATOME	52022		SE	1-1117	KERNSPEKTR.	42560
IJ	2-1190	ATOME	52070			9-1088	KERNREAKTIO	43092			1-1134	KERNSPEKTR.	42565
	2-1199	ATOME	52070		KAPORSKII LN	12- 656	MASER,LASER	28060		T	6- 237	ELASTIZIT.	22530
	4-1546	MOLEKUELE	52585		KAPPOS	AD	8-3036	STRAHL.BIOL	KARMOHAPATRO S.B.		3-1177	ATOME	52060
	5- 220	QU.FELDTHEO	17030		KAPRAL	R	1-1453	MOLEKUELE		BM	2- 794	STARKE WW.	41725
	6-1212	ATOME	52070		KAPUR	JN	10- 443	THERMODYN.			2- 882	STARKE WW.	41764
	7-1347	ATOME	52070		YK	7-1525	PLASMA	57042			8- 942	STARKE WW.	41720
	10-1473	ATOME	52070		KAPUSTIN AP	6-1760	FLUESSIGK.	58573			12-1053	STARKE WW.	41740
K	1- 846	STARKE WW.	41710			11-1909	FLUESSIGK.	58535			12-1089	STARKE WW.	41755
	3- 845	STARKE WW.	41764		KAPUSTINA MD	2-2020	FK-SPEKTREN	73370	KARNAUHOV V		7-1171	KERNREAKTIO	43040
	4- 281	QU.FELDTHEO	17040		KAPUSTSIK A	12- 808	KERN-MESSG.	40525	KARNAUKHOV VA		8-1147	KERNSPEKTR.	42555
	8- 930	STARKE WW.	41710			12- 811	KERN-MESSG.	40525			10-1130	KERNSPEKTR.	42555
ST	6-2454	HALBLEITER	71563		KAPUSTYANENKO G.B.	11-1692	PLASMA	57055		VG	11- 457	MASER,LASER	28050
YW	4-1027	STARKE WW.	41790			8-1241	KERNREAKTIO	43085			11- 458	MASER,LASER	28050
WJ	8- 131	LABORTECHN.	12570		KAPUSZIK A	7- 246	STATISTIK	17563	KARNOPP BH		2- 237	MECHANIK	22020
S	4- 381	HYDRODYNAM.	23000		KAPUY E	7-1721	FLUESSIGK.	58540	KARNO AM		3-2535	FK-SPEKTREN	73340
	4- 220	HYDRODYNAM.	23050		KAR I	2-1265	OPT.INSTRUM	28530			8-1295	ATOME	52010
KAR PL	9-1582	GASENTLADG.	57815		KARA R	5-2096	GITTERDYN.	67060			10-2171	THERMEIG.FK	67510
KEIT E	1-1109	KERNSPEKTR.	42560		KARABANOV AY	12-3454	KOSM.PHYSIK	94510	KARDL IL		12-2378	GITTERDYN.	67010
	1-1144	KERNSPEKTR.	42570		KARACHENTSEVA V.E.	10-1266	KERNREAKTIO	43054	KAROLI AR		3-2815	LUFTHUELLE	90890
	1-1829	FK-SPEKTREN	73310		KARADJEV KV	10-1193	KERNREAKTIO	43016	KAROSIENE A		2- 515	OPT.INSTRUM	28530
	5-1889	FK-SPEKTREN	73310		KARAGEORGII ALKALAEV P.M.	1-2416	HALBLEITER	71570			6-1175	ATOME	52020
T	8-1168	KERNSPEKTR.	42565			5-2375	LEITFHGK.FK	70056	KAROW P		7- 884	ELEMENTART.	41578
	9- 889	STARKE WW.	41725			9-2307	HALBLEITER	71540			9- 782	ELEMENTART.	41578
	9- 737	ELEMENTART.	41540			10-2371	OPT.EIG.FK	73645	KARP IN		5- 452	THERMODYN.	24556
NBERG L	8- 278	QU.FELDTHEO	17050		KARAGODOVA TY	7-1381	MOLEKUELE	52510		S	8- 535	TEILCH.OPT.	27062
WURF CR	2-2524	OPT.EIG.FK	73605		KARAGYOZIAN AG	3-1981	THERMEIG.FK	67520	KARPENKO DY		9- 143	QUANTENTHEO	16530
	5- 245	STATISTIK	17566		KARALNIK SM	1-2457	FK-SPEKTREN	73315			10- 251	QU.FELDTHEO	17025
M Y	12-3330	LUFTHUELLE	90860			8-2461	FK-SPEKTREN	73315		IV	5-2526	PHOTOLEITG.	72500
SKY A	12- 724	PHYS.OPTIK	29020		KARAMALIEV RA	10- 583	MASER,LASER	28045	KARPF AD		11- 361	ELEKTTRIZIT.	26012
S	2- 788	STARKE WW.	41725			11- 440	MASER,LASER	28035	KARPIKHIN IL		3- 724	ELEMENTART.	41540
	9-3016	BIOPHYSIK	96040		KARAMYAN SA	4-1291	KERNREAKTIO	43092			12-1341	KERNREAKTIO	43046
Y E	9-1595	GASENTLADG.	57895		ZK	8-1047	STARKE WW.	41775	KARPLUS M		1-1462	MOLEKUELE	52516
Y	7- 104	VAKUUM	13020		KARANDIKAR RV	12-3301	GEOMAGNET.	90470			3- 382	THERMODYN.	24552
A	10-1505	MOLEKUELE	52512		KARAPETYAN GO	3-2567	OPT.EIG.FK	73630			7-1283	ATOME	52010
M	4-1633	PLASMA	57053			7-2432	FK-SPEKTREN	73325	KARPLYUK KS		8-1448	MOLEKUELE	52547
	9-1473	PLASMA	57053			10-2583	FK-SPEKTREN	73325	KARPMAN VI		5-1583	PLASMA	57055
PARIZIS E	7-2780	IONOSPHERE	91045			12- 827	KERN-MESSG.	40538			1- 342	HYDRODYNAM.	23020
LE J	1-1122	KERNSPEKTR.	42565		KARAPETYANTS M.K.	11-1048	KERNSPEKTR.	42540			8- 168	MATH.PHYSIK	16040
	2-1051	KERNREAKTIO	43054			4-1798	FLUESSIGK.	58550	KARPOV IK		11- 103	QUANTENTHEO	16530
	4-1135	KERNSPEKTR.	42565		KARAS VR	2-2628	DUENNE SCHI	74060		SV	1-2550	OPT.EIG.FK	73640
	4-1156	KERNSPEKTR.	42570		KARASAWA S	10-1899	DISP.SYST.	59520	KARPOVA IV		11-2877	FK-SPEKTREN	73330
	6- 592	KERN-MESSG.	40540		KARASEV BG	1- 75	PLASMA	57053		AI	9-2310	HALBLEITER	71540
	8-1149	KERNSPEKTR.	42555		EL	4-2455	FK-SPEKTREN	73330	KARPOVICH IA		12-2837	PHOTOLEITG.	72510
OR K	11- 601	KERN-MESSG.	40535		KARASHEV TB	4-2405	PHOTOLEITG.	72510			11-2745	HALBLEITER	71566
PB	12-1289	KERNSPEKTR.	42570		KARASIK EA	9-2360	PHOTOLEITG.	72510	KARPUKHIN O		2-1341	POLYMERE	53546
	9- 535	MASER,LASER	28055		VR	5-2412	SUPRALEITG.	70540		A	8-2135	DIELEKTRIKA	68020
OREK P	7- 492	HF-TECHNIK	27500		KARASJUK VN	10- 475	ELEKTTRIZIT.	26030	KARPUS A		12-2924	FK-SPEKTREN	73325
EDAL F	2-1497	GASENTLADG.	57860			11-2887	FK-SPEKTREN	73330		AS	10-2197	THERMEIG.FK	67550
NNIKOV VN	4- 852	BESCHLEUNIG	41040		KARASOVA I	9-2705	ERDKOERPER	90200			12-2480	DIELEKTRIKA	68020
AL RP	2- 72	MATH.PHYSIK	16040		KARATAEV BI	10-1949	KRISTALLE	65545			12-2481	DIELEKTRIKA	68020
AKI H	2-1764	KRIST.FEHL.	66030			3-2719	GEOMAGNET.	90430		AA	8-2425	HALBLEITER	71580
	10-2681	FK-SPEKTREN	73325		KARATAYEV BI	4-2079	DIELEKTRIKA	68050	KARPUZOV DS		9-1772	KRISTALLE	65345
	12-3139	OPT.EIG.FK	73640		KARLAULNIK AE	9-2772	LUFTHUELLE	90850			11-1436	ATOME	52060
AWA A	2-1355	PLASMA	57033		KARAYAEV II	6- 242	ELASTIZIT.	22530		H	7-2568	OPT.EIG.FK	73655
CK	9- 592	PHYS.OPTIK	29000		KARAYAEVA VV	10-2095	MECH.EIG.FK	66518	KARRAS		10-2559	FK-SPEKTREN	73325
JTF	7-1653	GASE	58020			11-2065	MECH.EIG.FK	66518			10-2562	FK-SPEKTREN	73325
KC	3- 457	HF-TECHNIK	27530			11-2094	KRISTALLE	65588			11-2785	PHOTOLEITG.	72510
	6-1738	FLUESSIGK.	58565			11-2187	MECH.EIG.FK	66545		M	3-2685	GRENZFL.FK	74570
S W	7-1726	FLUESSIGK.	58543		KARAZIJA R	4-1357	ATOME	52020			8-1171	KERNSPEKTR.	42570
YH	6-1603	GASE	58025			11-1409	ATOME	52010	KARSHON U		11- 888	STARKE WW.	

KARTASHOV	AI	4- 772	PHYS.OPTIK	29073	KATAJA	E	6-2766	GEOMAGNET.	90450	KAUER	E	4- 487	THERMODYN.	7
	EM	8- 385	HYDRODYNAM.	23030	KATAKIS	D	5-1479	MOLEKUELE	52580	KAUFFELDT	A	9- 76	VAKUUM	7
		10- 458	THERMODYN.	24550	KATAMARAH	GI	2-2090	MAGN.EIG.FK	69030	KAUFFMAN	AM	5-2737	DUENNE SCHI	7
	GR	12-1291	KERNSEKTR.	42570	KATAN	T	6-1706	FLUESSIGK.	58510		GB	5- 1	BIOGRAPHIEN	7
KARTHA	VB	6-2538	FK-SPEKTREN	73330	KATAOKA	M	11-2007	KRISTALLE	65545		JW	8-1989	KRIST.FEHL.	7
		10-2599	FK-SPEKTREN	73330		S	2-2347	HALBLEITER	71530	KAUFMAN	AN	12- 301	STATISTIK	7
KARTHE	W	1- 522	HF-TECHNIK	27500			8-2381	HALBLEITER	71520		AS	6-1574	PLASMA	7
KARUBE	N	3- 568	OPT.INSTRUM	28545			10-2393	LEITFHGK.FK	70056		E	11- 350	WAERME	7
KARYAGIN	SV	7-2408	FK-SPEKTREN	73310			10-2394	LEITFHGK.FK	70056		F	4-1526	MOLEKUELE	7
		11-2825	FK-SPEKTREN	73310			10-2486	HALBLEITER	71540			5-1269	ATOME	7
KARYAKIN	A	1-1798	FLUESSIGK.	58576		T	4-1580	POLYMERE	53542		L	5- 900	STARKE WW.	7
	AV	12- 653	MASER,LASER	28060		Y	6-2126	THERMEIG.FK	67550			5-2110	THERMEIG.FK	7
	YY	11-1713	PLASMA	57050	KATASE	A	10-1254	KERNREAKTIO	43054		M	8-1394	MOLEKUELE	7
	YY	6-1450	PLASMA	57050	KATAYAMA	H	12-2808	HALBLEITER	71566		RG	5-2001	KRIST.FEHL.	7
KARYBAKAS	CA	4- 133	LABORTECHN.	12520			8- 605	MASER,LASER	28055		SA	9-2359	PHOTOLEITG.	7
KARZHAYINA	EN	10-1244	KERNREAKTIO	43048		T	4-1997	MECH.EIG.FK	66553		EN	1-1829	FK-SPEKTREN	7
KASABOV	GA	2-1357	PLASMA	57033		Y	9-2161	MAGN.EIG.FK	69070			11-1086	KERNSEKTR.	7
		7-1354	ATOME	52070			8-2416	HALBLEITER	71570			11-1123	KERNSEKTR.	7
KASAHARA	A	7-2746	LUFTHUELLE	90840	KATCHEN	GI	11- 670	ELEMENTART.	41500		P	6-2840	IONOSPHERE	7
		9-2762	LUFTHUELLE	90840			6- 457	OPT.INSTRUM	28530			9-2777	LUFTHUELLE	7
	T	1- 985	KERNSTRUKT.	42020		LB	4-2726	LUFTHUELLE	90830			9-2837	SonnenPHYS.	7
KASAI	OH	7-2869	PLANETEN	93620	KATCOFF	S	9- 882	STARKE WW.	41783			11-3322	IONOSPHERE	7
KASAMANYAN	PH	2-1322	MOLEKUELE	52547	KATILA	TE	10- 999	STARKE WW.	41783		WB	8- 236	QUANTENTHEO	7
KASAMI	ZA	3-2228	LEITFHGK.FK	70053			5-1864	KRISTALLE	65540	KAUFMANN III.	W.J.	3-2914	KOSH.PHYSIK	7
	A	11-2558	LEITFHGK.FK	70035			12-2850	FK-SPEKTREN	73310		JY	6- 263	HYDRODYNAM.	7
KASANO	H	11-2805	PHOTOLEITG.	72510	KATIYAR	RS	3-1926	GITTERDYN.	67020		RD	3-1149	ATOME	7
KASATKIN	AP	3-1614	DUENNE SCHI	74010			4-2018	GITTERDYN.	67040	KAUL		9-1185	ATOME	7
		10-2761	DUENNE SCHI	74010			5-2081	GITTERDYN.	67040		WM	8-2715	GEOPHYSIK	7
	VI	11-1980	KRISTALLE	65518	KATKOV	IN	4-1639	PLASMA	57053			8-2717	ERDKOERPER	7
		8-1698	GASENTLADG.	57860		VM	4-1334	KERNSTRHLG.	44035	KAUL		6-2039	MECH.EIG.FK	7
KASCHLIK	K	11- 485	MASER,LASER	28060			6- 710	ELEMENTART.	41560	KAUN	DL	3- 672	KERN-MESSG.	7
KASCHLUHN	F	7- 824	BESCHLEUNIG.	41010	KATO	A	3- 705	KERN-MESSG.	40582	KAUP		7- 753	KERN-MESSG.	7
		8- 954	STARKE WW.	41725		D	11- 443	MASER,LASER	28040		WE	1- 722	KERN-MESSG.	7
		11- 934	KERNSTRUKT.	42010		H	7-1453	MOLEKUELE	52560			5-1249	ATOME	7
KASHA	H	8- 777	KERN-MESSG.	40542		K	3-1417	PLASMA	57085			11-1416	ATOME	7
		11-3259	KOSH.STRLG.	90640			7-2964	HOEREN	96320	KAUS	P	9- 854	STARKE WW.	7
		12-3305	KOSH.STRLG.	90630			9-1452	PLASMA	57030	KAUSCH BLECKEN	VON SCHM	6-2014	MECH.EIG.FK	7
	M	8-1418	MOLEKUELE	52528			9-1532	PLASMA	57203		H	6- 369	TEILCH.OPT.	7
	MA	4-2795	MAGNETOSPH.	91226		M	12-1750	PLASMA	57033	KAUSCHE		7-2700	GEOMAGNET.	7
KASHCHEEV	VM	8- 387	HYDRODYNAM.	23040		N	12-3491	HOEREN	96320	KAUTZLEBEN	H	12-3286	GEOMAGNET.	7
	YN	1- 307	MECHANIK	22050			7- 662	OPT.INSTRUM	28570		W	11-1883	FLUESSIGK.	7
		3-2093	MAGN.EIG.FK	69020		R	10-1964	KRISTALLE	65572	KAUZMANN		5- 559	MASER,LASER	7
		7-2156	MAGN.EIG.FK	69040			8-1424	MOLEKUELE	52536	KAYAGE	WT	4-1265	KERNREAKTIO	7
KASHCHIEV	D	9-1829	KRISTALLE	65588		T	10-1964	KRISTALLE	65572	KAYALOSKI	CD	4-1093	KERNSEKTR.	7
		9-2014	THERMEIG.FK	67520			10-2799	DUENNE SCHI	74060	KAVANAGH	RW	12-1223	KERNSEKTR.	7
KASHEF	BO	5-1861	KRISTALLE	65530		Y	5- 159	QUANTENTHEO	16526			7-2817	MAGNETOSPH.	7
KASHIN	V	2- 893	STARKE WW.	41790			9-1006	KERNREAKTIO	43020	KAVANAGH JR.	L.D.	11-3341	MAGNETOSPH.	7
KASHIWASE	Y	6- 344	ELEKTRODYN.	26500			9-1007	KERNREAKTIO	43020	KAVENOKY	A	12-1416	K-REAKTOREN	7
KASHKAI	AD	12-2176	KRISTALLE	65572	KATORI	K	7-2260	SUPRALEITG.	70510	KAVICH	IV	10-1983	KRISTALLE	7
KASHKUROV	KF	4-1925	KRIST.FEHL.	66030	KATS	A	11-2471	FK-SPEKTREN	73325	KAW	PK	1-2746	LUFTHUELLE	7
		11-1979	KRISTALLE	65518		CM	7-1436	MOLEKUELE	52540			4-1593	PLASMA	7
		12-2103	KRISTALLE	65514		SM	4-1489	MOLEKUELE	52540			5-2824	LUFTHUELLE	7
KASHLIN	NI	7- 384	WAERME	24026			11-1552	MOLEKUELE	52540			7-1557	PLASMA	7
KASHLINSKII	AI	8-2211	MAGN.EIG.FK	69060			11-1554	MOLEKUELE	52540			9-1477	PLASMA	7
KASHUBA	AT	12-1577	ATOME	52090			12-1640	MOLEKUELE	52540	KAWABATA	A	7-2234	LEITFHGK.FK	7
	IE	10-1216	KERNREAKTIO	43040			3- 926	KERNSEKTR.	42545			7-2235	LEITFHGK.FK	7
KASHUKEEV	NT	11-1345	KERNREAKTIO	43090	KATSANOS	AA	3- 459	HF-TECHNIK	27530	KAWABE	K	12-2107	KRISTALLE	7
KASHY	E	1-1227	KERNREAKTIO	43054	KATSENELENBAUM	B.Z.	1- 591	MASER,LASER	28055			3-1622	KRISTALLE	7
		11-1262	KERNREAKTIO	43054		IL	9-1730	DISP.SYST.	59510			6-2595	OPT.EIG.FK	7
KASIMOV	S	2-1869	MECH.EIG.FK	66556			12-2459	THERMEIG.FK	67595			10- 585	MASER,LASER	7
		6-2067	MECH.EIG.FK	66556	KATSEV	IL	11-3152	DUENNE SCHI	74065			11- 480	MASER,LASER	7
KASK	NE	12-2637	LEITFHGK.FK	70028			12-3152	DUENNE SCHI	74065		M	12-2782	HALBLEITER	7
		5-1884	FK-SPEKTREN	73355			12-3024	FK-SPEKTREN	73360		T	2-1405	PLASMA	7
		8-1995	KRIST.FEHL.	66065			8- 295	STATISTIK	17526			2-1406	PLASMA	7
		9-2494	FK-SPEKTREN	73355			9-1930	MECH.EIG.FK	66540			2-1407	PLASMA	7
KASLIN	VM	2-1195	MASER,LASER	28055	KATSNELSON	AA	12-2582	MAGN.EIG.FK	69060			6-1511	PLASMA	7
		11-1607	MOLEKUELE	52585	KATSUBE	Y	5-1306	ATOME	52065	KAWADO	S	8-2190	MAGN.EIG.FK	7
KASHALIEV	B	1-1404	PLASMA	57210	KATSUBE	Y	7- 687	PHYS.OPTIK	29040	KAWAGUCHI	M	1- 945	STARKE WW.	7
KASNER	WH	12-1896	GASENTLADG.	57840	KATSUMATA	K	9-2774	LUFTHUELLE	90860			5- 959	STARKE WW.	7
		6-1402	PLASMA	57010	KATSUMURA	S	10- 698	PHYS.OPTIK	29045			7-1552	PLASMA	7
KASPAR	E	9-1423	PLASMA	57010	KATSURAKI	H	11- 547	PHYS.OPTIK	29045			8- 893	ELEMENTART.	7
KASPER	E	2- 507	OPT.INSTRUM	28520	KATSUURA	K	1- 630	OPT.INSTRUM	28545			8-1024	STARKE WW.	7
		5- 604	OPT.INSTRUM	28520	KATTAWAR	GW	3- 549	OPT.INSTRUM	28520			8-1025	STARKE WW.	7
		4- 542	TEILCH.OPT.	27010			4- 675	OPT.INSTRUM	28545			10- 910	STARKE WW.	7
		6- 355	TEILCH.OPT.	27016			8- 641	OPT.INSTRUM	28545			12-1091	STARKE WW.	7
	H	4-2432	FK-SPEKTREN	73325	KATULIN	VA	1- 572	MASER,LASER	28050		Y	1-2322	HALBLEITER	7
		11-2845	FK-SPEKTREN	73325			3- 516	MASER,LASER	28050			10-2466	HALBLEITER	7
	JS	3-1696	KRISTALLE	65582	KATUNIN	VA	7- 289	MECHANIK	22036	KAWAHARA	K	8-1540	POLYMERE	7
	JVV	2-1225	MOLEKUELE	52510	KATYAL	DL	4- 975	STARKE WW.	41753		T	7-1569	PLASMA	7
	U	6- 219	FELDTHEORIE	18060	KATYKHIN	GS	11- 877	STARKE WW.	41760	KAWAI	M	9-1003	KERNREAKTIO	7
		7- 266	FELDTHEORIE	18042	KATYL	RH	2-1594	FLUESSIGK.	58573		N	1- 750	KERN-MESSG.	7
KASPEROVICH	NS	4-2500	OPT.EIG.FK	73605	KATYSHEV	AN	9-1710	FLUESSIGK.	58573			1-1066	KERNSEKTR.	7
	VS	4-2192	MAGN.EIG.FK	69065			2-1752	KRIST.FEHL.	66025			2-1863	MECH.EIG.FK	7
KASSIMOVA	A	9-2813	IONOSPHERE	91072			6-2210	FK-SPEKTREN	73355			4-1998	MECH.EIG.FK	7
KASSIR	MK	10-2085	MECH.EIG.FK	66514			8-2528	FK-SPEKTREN	73355			7-2016	MECH.EIG.FK	7
KASSOY	DR	3- 292	HYDRODYNAM.	23020			8-2532	FK-SPEKTREN	73355			8-2154	MAGN.EIG.FK	7
		3- 300	HYDRODYNAM.	23020			11-2918	FK-SPEKTREN	73355			9-1069	KERNREAKTIO	7
KASTALSKII	AA	2-2387	HALBLEITER	71566	KATZ	A	4- 319	FELDTHEORIE	18040			9-1946	MECH.EIG.FK	7
		4-2350	HALBLEITER	71540			11- 156	QU.FELDTHEO	17015			10-2118	MECH.EIG.FK	7
KASTEN	F	8- 718	PHYS.OPTIK	29045		B	11- 189	STATISTIK	17526		T	12-2367	MECH.EIG.FK	7
KASTENBERG	WE	6-3000	HOEREN	96310		JL	2- 346	THERMODYN.	24510			2- 123	QUANTENTHEO	7
KASTLER	A	9-1100	K-REAKTOREN	43510			5-1717	GAZE	58045		Y	4-1568	POLYMERE	7
		2-1157	ATOME	52045			11-2143	KRIST.FEHL.	66065			5-2543	PHOTOLEITG.	7
		3-1147	ATOME	52027			8-2045	MECH.EIG.FK	66540			10-1614	POLYMERE	7
		5-1235	ATOME	52020			1- 885	STARKE WW.	41745	KAWAJI	A	6-1511	PLASMA	7
		6- 382	HF-TECHNIK	27560	KATZENMEYER	WE	6-2402	METAL.LEITG.	71010		S	8-1512	POLYMERE	7
		6-1715	FLUESSIGK.	58557			6-2431	HALBLEITER	71530			8-2608	OPT.EIG.FK	7
		7- 521	MASER,LASER	28000	KATZENSTEIN	J	6- 457	OPT.INSTRUM	28530			3- 517	MASER,LASER	7
		12-1528	ATOME	52045			12- 604	MASER,LASER	28045			1-2322	HALBLEITER	7

KAWAKAMI - KENDALL

AMI M	3-2469	PHOTOLEITG.	72510	KAZARINOV YH	2- 902	KERNSTRUKT.	42010	KEITER H	12-2602	LEITFHGK.FK	70020
ATSU H	6- 522	PHYS.OPTIK	29055		10-1018	KERNSTRUKT.	42010	KEKEZ MM	4- 346	MECHANIK	22034
	8- 522	TEILCH.OPT.	27016		10-1020	KERNSTRUKT.	42010	KELAREV VV	9-2141	MAGN.EIG.FK	69060
UBO T	6-2526	FK-SPEKTREN	73325	KAZARNOVSKII D.M.					11-2492	MAGN.EIG.FK	69060
ATA S	11-2704	HALBLEITER	71530	KAZAROV RE	11- 925	PLASMA	57295	KELBO G	1-1535	PLASMA	57017
	6-1535	PLASMA	57210	KAZACHINSKII Y.Z.		STARKE WW.	41783		6-1409	PLASMA	57015
IA O	2-1764	KRIST.FEHL.	66030		2- 355	THERMODYN.	24530	KELDYSH LV	10-2386	LEITFHGK.FK	70053
ORI A	9- 762	ELEMENTART.	41563	KAZBANOV VA	7-1424	MOLEKUELE	52536	KELEMAN PJ	11- 858	STARKE WW.	41753
OTO T	1-2086	FK-SPEKTREN	73355	KAZDA V	12-2340	MECH.EIG.FK	66514	KELEHEN F	3-1978	THERMEIG.FK	67520
URA H	7-1716	FLUESSIGK.	58530	KAZENOV BA	4-1925	KRIST.FEHL.	66030	KELEN A	12- 489	WAERME	24060
	1-2216	LEITFHGK.FK	70056	KAZES E	1- 198	QU.FELDTHEO	17010	KELLEHER MD	12-2476	DIELEKTRIKA	68020
	10-2390	LEITFHGK.FK	70010		3- 124	QU.FELDTHEO	16516		1- 430	WAERME	24060
	11-2577	LEITFHGK.FK	70056		3- 195	QU.FELDTHEO	17010		9-1612	GASE	58025
N	8-2414	HALBLEITER	71566		3- 203	QU.FELDTHEO	17020	KELLER A	5-1508	POLYMERE	53535
	10-2129	MECH.EIG.FK	66556		3- 720	ELEMENTART.	41510	FJ	11-2096	KRIST.FEHL.	66030
T	3-2601	DUENNE SCHI	74010		6- 652	ELEMENTART.	41510	G	5- 36	BUECHER	11040
	10-1753	PLASMA	57279		6- 682	ELEMENTART.	41546	GE	12-3365	IONOSPHAERE	91060
Y	1-1523	POLYMERE	53542		7- 853	ELEMENTART.	41546	J	3-1490	GASE	58010
ISKI M	7- 665	OPT.INSTRUM	28586		9- 175	QU.FELDTHEO	17010	JB	9- 208	STATISTIK	17510
	7-1716	FLUESSIGK.	58530		9- 743	ELEMENTART.	41546		8- 688	PHYS.OPTIK	29000
ABAYASHI K.				I	11- 671	ELEMENTART.	41510	K	11- 285	HYDRODYNAM.	23020
	9- 765	ELEMENTART.	41570	KAZIMIERSKI A	12- 776	KERN-MESSG.	40512	KR	9-1903	KRIST.FEHL.	66079
ASAKI Y	9- 845	STARKE WW.	41753	KAZLAUSKAS A	11-2588	LEITFHGK.FK	70072	LG	6- 630	BESCHLEUNIG	41010
AKI K	7- 788	KERNREAKTIO	43024	P	4-2260	LEITFHGK.FK	70072		10-1060	KERN-SPEKTR.	42525
	1-2618	DUENNE SCHI	74040		6-2350	LEITFHGK.FK	70072	R	1- 84	LABORTECHN.	12580
	1-2644	GRENZFL.FK	74530		8-2303	LEITFHGK.FK	70072		2-1458	PLASMA	57260
	3-1569	FLUESSIGK.	58540	KAZNACHEEV BA	4- 513	ELEKTIZIT.	26014	W	2-2306	HALBLEITER	71505
	3-2099	MAGN.EIG.FK	69025	KAZUMATA Y	11-2128	KRIST.FEHL.	66076	KELLER JR. DV	3-2449	THERMOELEKT	72000
	3-2153	MAGN.EIG.FK	69060	KAZUNO M	10-2867	KOSM-STRLG.	90630		4-2624		83030
	5-1765	FLUESSIGK.	58530	KAZZAZ AA	10-2719	OPT.EIG.FK	73640	KELLER AM	10-3144	STRAHL-BIOL	97010
	5-2261	MAGN.EIG.FK	69040	KE B	10- 103	LABORTECHN.	12540	KELLERMAN KI	1- 671	PHYS.OPTIK	29030
	8-1758	FLUESSIGK.	58530	KEANE A	3-1316	POLYMERE	53544	KELLERMAYER GL	6- 399	MASER,LASER	28040
	9- 409	THERMODYN.	24536	KEAR BH	8-1252	K-REAKTOREN	43510	KELLERSHOHN C	2- 978	KERN-SPEKTR.	42560
	9-1973	GITTERDYN.	67060	KEARNEY PD	7-1921	KRIST.FEHL.	66035		5-1078	KERN-SPEKTR.	42560
	9-2100	MAGN.EIG.FK	69025	RJ	5-2051	MECH.EIG.FK	66556	KELLET BH	8- 840	ELEMENTART.	41510
	11- 208	STATISTIK	17540		7-1976	MECH.EIG.FK	66514	KELLEY GG	10- 882	STARKE WW.	41700
	11-2343	MAGN.EIG.FK	69020	KEAST DJ	11- 549	PHYS.OPTIK	29045		2-1445	PLASMA	57266
	11-2447	MAGN.EIG.FK	69060	KB	4-2535	DUENNE SCHI	74010		12- 888	BESCHLEUNIG	41010
S	12- 322	STATISTIK	17530	PN	4-2003	GITTERDYN.	67000	PL	7-2512	FK-SPEKTREN	73380
	12-1978	FLUESSIGK.	58530	KEATING KB	12-1375	KERNREAKTIO	43070	R	5-3004	STRAHL-BIOL	97010
	3-1446	BESCHLEUNIG	41010	KEATON JR. PW	12-1375	KERNREAKTIO	43070	SH	3-1587	FLUESSIGK.	58557
	6- 667	ELEMENTART.	41540	KEAVENY I	8-1388	MOLEKUELE	52512	G	7- 991	STARKE WW.	41775
	8-1943	KRIST.FEHL.	66025	RR	6-2893	PLANETEN	93630		11- 809	STARKE WW.	41730
	8-1944	KRIST.FEHL.	66025	KEBABCIOGLU R	10-1509	MOLEKUELE	52514	JD	4-1784	FLUESSIGK.	58540
T	1-2323	HALBLEITER	71520	P	6-1337	MOLEKUELE	52575		7-1735	FLUESSIGK.	58546
	2- 266	HYDRODYNAM.	23020	KEBARLE P	6-1349	MOLEKUELE	52575	K	6- 50	LABORTECHN.	12515
GHIMA K	8-1289	KERNSTRHLG.	44010	KEBOKAWA T	12-1961	FLUESSIGK.	58525		7-1659	GASE	58025
S	12-2925	FK-SPEKTREN	73330	KEBULADZE TV	2-2747	KOSM-STRLG.	90660	KELLOGG RB	5-1197	K-REAKTOREN	43515
GHITA K	1-2680	ERDKOERPER	90210	KECHIN VV	3-1897	MECH.EIG.FK	66556	RE	8-2385	OPT.EIG.FK	73620
GHITA M	11- 277	HYDRODYNAM.	23015	KECHLIBAROV T	11- 489	OPT.INSTRUM	28513	A	6-2024	MECH.EIG.FK	66516
GHITA A	4-2643	DUENNE SCHI	74010		11- 513	OPT.INSTRUM	28553		12-2273	KRIST.FEHL.	66035
GHITA A	4-1825	FLUESSIGK.	58576	KECK C	5- 779	BESCHLEUNIG	41020		12-2345	MECH.EIG.FK	66516
	4-2507	OPT.EIG.FK	73640	DB	7- 453	TEILCH.OPT.	27013	AJ	4- 571	HF-TECHNIK	27530
DB	11-3035	OPT.EIG.FK	73640	JC	12-1609	MOLEKUELE	52524	AM	3-2727	GEOMAGNET.	90460
	10-1577	MOLEKUELE	52575		4- 498	THERMODYN.	24550	BT	2-1933	THERMEIG.FK	67520
E	4-2539	DUENNE SCHI	74010		10-1581	MOLEKUELE	52575	FJ	2- 704	ELEMENTART.	41543
HF	8-1515	POLYMERE	53535	K	11-1898	FLUESSIGK.	58527	FM	4-1367	ATOME	52030
IW	4- 731	PHYS.OPTIK	29033	KEDAVICHUS VV	9-2702	GRENZFL.FK	74580		7-1311	ATOME	52030
KG	2-1239	MOLEKUELE	52516	KEDDY RJ	12-1395	KERNREAKTIO	43085	HP	2- 99	QUANTENTHEO	16530
L	5-1299	ATOME	52065	KEDVES FJ	3-1737	KRIST.FEHL.	66015		4-1414	ATOME	52070
ME	12-1109	STARKE WW.	41764		6-1875	KRIST.FEHL.	66015		8-1354	ATOME	52070
RB	9-1215	ATOME	52065	KEDZIE RW	5-2091	GITTERDYN.	67060	JC	1-1893	KRIST.FEHL.	66062
RL	5-1803	FLUESSIGK.	58562	KECH GL	3- 959	KERN-SPEKTR.	42560		5-2770	GRENZFL.FK	74540
SH	2-1553	FLUESSIGK.	58540	KEEDY CR	5-1144	KERNREAKTIO	43048		7-1951	KRIST.FEHL.	66065
I	11- 267	ELASTIZIT.	22530	KEEFE D	11-1959	DISP.SYST.	59540		9-1902	KRIST.FEHL.	66079
MA K	2-1273	MOLEKUELE	52512	KEEFER D	2-1918	GITTERDYN.	67070	JM	5-2035	MECH.EIG.FK	66540
	5-1369	MOLEKUELE	52512	DW	9-1898	KRIST.FEHL.	66076	MA	5-1124	KERNREAKTIO	43026
NO H	3-1955	GITTERDYN.	67060		11-2148	KRIST.FEHL.	66070		11-1194	KERNREAKTIO	43020
	6-2102	GITTERDYN.	67060	KEELER RN	9-2042	THERMEIG.FK	67556	PJ	5-2668	OPT.EIG.FK	73695
S	11- 842	STARKE WW.	41740		11-1877	FLUESSIGK.	58510	PM	2-1850	MECH.EIG.FK	66545
ALOV AB	8- 942	STARKE WW.	41720	WJ	5-2052	MECH.EIG.FK	66556	PS	4-1347	ATOME	52010
	12-1089	STARKE WW.	41755		6-2365	SUPRALEITG.	70520		5-1240	ATOME	52040
A	6-1389	POLYMERE	53542		8-2340	SUPRALEITG.	70550		5-1241	ATOME	52040
G	7-1126	KERN-SPEKTR.	42565	KEENAN MW	4- 351	MECHANIK	22036	R	3-1734	KRIST.FEHL.	66015
S	7- 647	OPT.INSTRUM	28553	KEER HV	3-2142	MAGN.EIG.FK	69050		4- 503	THERMODYN.	24536
OR HM	9-2018	THERMEIG.FK	67530	KEESOM PH	6-2106	THERMEIG.FK	67510		11-2083	KRIST.FEHL.	66035
M	3-2785	LUFTHUELLE	90810	SC	1- 502	TEILCH.OPT.	27010		11-2156	KRIST.FEHL.	66079
WM	9- 391	WAERME	24060		1-1409	ATOME	52070	RE	5- 324	HYDRODYNAM.	23030
B	9- 838	STARKE WW.	41750	KEESON PH	12-1566	ATOME	52070	WH	12- 425	HYDRODYNAM.	23020
FX	5-2022	MECH.EIG.FK	66514	KEETON SC	7-2077	THERMEIG.FK	67510		5- 746	KERN-MESSG.	40540
	9-2254	METAL.LEITG	71010		2-2192	LEITFHGK.FK	70024		5-1065	KERN-SPEKTR.	42595
KOV YA	7- 378	WAERME	24023		10- 673	OPT.INSTRUM	28570		5-1066	KERN-SPEKTR.	42595
CHEVSKAYA T.V.					12-2610	LEITFHGK.FK	70024		5-1077	KERN-SPEKTR.	42560
CHEVSKII I.V.	4-2754	IONOSPHAERE	91020	KEEVER WC	8-1345	ATOME	52065	KELM EC	12- 528	ELEKTIZIT.	26060
				KEEZER RC	2-2450	FK-SPEKTREN	73300	SR	1-1180	KERNREAKTIO	43018
	11-1103	KERN-SPEKTR.	42550		6-2512	FK-SPEKTREN	73330		10- 856	ELEMENTART.	41563
CHKOV YA	6-1428	PLASMA	57050		9-2388	FK-SPEKTREN	73325	KELOGLU YP	1-2007	THERMEIG.FK	67556
CHKOVSKII O.D.					12-2754	HALBLEITER	71520	KELSO JM	11-3328	IONOSPHAERE	91070
	2-1104	K-REAKTOREN	43510	KEFELI LM	11-2051	KRISTALLE	65584	JR	4-1526	MOLEKUELE	52575
B	3-2725	GEOMAGNET.	90450	F	3-2081	MAGN.EIG.FK	69000	I	2- 926	KERNSTRUKT.	42075
BN	4-2691	GEOMAGNET.	90450		10-2269	MAGN.EIG.FK	69030		10-1316	KERNREAKTIO	43090
	4-2692	GEOMAGNET.	90450	KEH AS	6-2047	MECH.EIG.FK	66540	C	7-2639	GRENZFL.FK	74535
KEVICH OY	12-1772	PLASMA	57053		11-2173	MECH.EIG.FK	66516	GS	10-2713	OPT.EIG.FK	73635
VI	12-2745	HALBLEITER	71505	KEHOE B	4- 883	ELEMENTART.	41546		9-2063	DIELEKTRIKA	68040
KOV AA	12-2591	MAGN.EIG.FK	69065		6- 691	ELEMENTART.	41546	A	9-2064	DIELEKTRIKA	68040
AE	10-2185	THERMEIG.FK	67520	KEHR K	4-1771	FLUESSIGK.	58525		11-2722	HALBLEITER	71540
AL	9-2499	FK-SPEKTREN	73360	KEIJSER RAJ	10-1801	GASE	58095	G	2-2185	LEITFHGK.FK	70010
SH	7- 431	ELEKTIZIT.	26012		10-1802	GASE	58095		3-2121	MAGN.EIG.FK	69040
VK	9- 428	ELEKTIZIT.	26040	KEIL K	8- 774	KERN-MESSG.	40535	T	7- 297	ELASTIZIT.	22510
N	10-2303	MAGN.EIG.FK	69050	P	7-2522	OPT.EIG.FK	73605	MP	6-2386	SUPRALEITG.	70550
	12-2597	MAGN.EIG.FK	69070		11-2565	LEITFHGK.FK	70053	JC	2-1760	KRIST.FEHL.	66030
	6-1397	POLYMERE	53542	TH	4-2069	DIELEKTRIKA	68000	K	3- 932	KERN-SPEKTR.	42545
Y	6- 571	KERN-MESSG.	40518	VE	6- 57	LABORTECHN.	12530	MA	10- 891	STARKE WW.	41725
NSKAYA VA	4- 852	BESCHLEUNIG	41040	VM	4- 142	LABORTECHN.	12530	RA	10- 358	ELASTIZIT.	22530
NSKY LN	7- 494	HF-TECHNIK	27520	B	8-1876	KRISTALLE	65578	JR	12- 569	HF-TECHNIK	27540
NTSEV AN	5-2511	HALBLEITER	71550	J	4-1585	POLYMERE	53550	CD	11- 574	KERN-MESSG.	40512
GA	8-1065	KERNSTRUKT.	42010	R	7-2109	DIELEKTRIKA	68000	RP	5-2271	MAGN.EIG.FK	69050
PRINOV JM	5-2366	LEITFHGK.FK	70053	KEIPER R				BRF	11- 65	VAKUUM	13030
RF	8-2281	LEITFHGK.FK	70053	KEIRIM MARKUS I.B.				EJM	1-2411	HALBLEITER	71580

KENDALL - KHANSEYAROV

KENDALL	PC	10-2932	IONOSPHERE	91060	KERN	RD	6-1342	MOLEKULE	52575	KEYES	RJ	2-2436	PHOTOLEITG.	7
		12-3294	GEOMAGNET.	90440		S	8-2545	FK-SPEKTREN	73360	KEYES JR.	JK	7- 312	HYDRODYNAM.	2
KENDE	P	9- 675	KERN-MESSG.	40570		W	3-2614	DUENNE SCHI	74010	KEYS	JD	7-2371	HALBLEITER	1
KENDERDINE	S	2-2884	KOSM.-PHYSIK	94560			5- 836	ELEMENTART.	41574			8- 94	UNTERRICHT	7
KENDIG	AP	7-1522	PLASMA	57040			8- 900	ELEMENTART.	41574		LK	2-2215	LEITFHGK.FK	7
KENDRICK	H	2-2130	MAGN.EIG.FK	69050			11- 24	BUECHER	11010			10-2612	FK-SPEKTREN	7
		11-2309	MAGN.EIG.FK	69010	KERN BAUSCH	L	9-1859	KRIST.FEHL.	66030	KEYSER	LF	5-1269	ATOME	5
KENEALY	PF	6- 984	KERNSPEKTR.	42565	KERNAHAN	JA	8-1315	ATOME	52024	KEYWELL	F	3- 677	KERN-MESSG.	4
		9- 979	KERNSPEKTR.	42565			9-1178	ATOME	52024	KEZDI	A	4- 662	ELASTIZIT.	2
KENMOCHI	M	10-1717	PLASMA	57085			12-1464	ATOME	52010	KHABAKHPASHEV	A.G.	3- 849	STARKE WW.	4
		12-1878	PLASMA	57266	KERNAN	A	5- 804	ELEMENTART.	41546					
KENN	MJ	7- 350	HYDRODYNAM.	23070		W	5- 921	STARKE WW.	41745	KHABAKHPASHEVA	E.M.	2- 274	HYDRODYNAM.	2
KENNEDY	B	7- 148	QUANTENTHEO	16526	KERNELL	RL	1-1037	KERNSPEKTR.	42525	KHABIBULLIN	BM	5-2097	GITTERDYN.	6
	DI	6-2608	OPT.EIG.FK	73645			6-1074	KERNREAKTIO	43056			8-2508	FK-SPEKTREN	7
	DJ	9-1231	ATOME	52070	KERNER	EH	12- 340	FELDTHEORIE	18030	KHACHATURYAN	A.G.			
		10-1448	ATOME	52065		IO	6-1119	K-REAKTOREN	43515			2- 354	THERMODYN.	2
		10-1467	ATOME	52070	KERNIEI	RI	3-1150	ATOME	52027			8-1889	KRISTALLE	
		10-1468	ATOME	52070	KERNOHAN	RH	6-2378	SUPRALEITG.	70540			12-2229	KRIST.FEHL.	6
		10-1470	ATOME	52070			6-2383	SUPRALEITG.	70550			12-2249	KRIST.FEHL.	6
DP		2-2397	HALBLEITER	71570			12-2720	SUPRALEITG.	70550			3- 696	KERN-MESSG.	4
EF		1-1060	KERNSPEKTR.	42545	KERNS	DM	3- 621	PHYS.OPTIK	29033		MN	4-1008	STARKE WW.	4
GC		5- 75	LABORTECHN.	12510		JR	7-1209	KERNREAKTIO	43064			12- 842	KERN-MESSG.	4
		5-2134	THERMEIG.FK	67556	KEROE	EA	7-1210	KERNREAKTIO	43064			12-1108	STARKE WW.	4
		6-2055	MECH.EIG.FK	66545	KERR	D	8- 768	KERN-MESSG.	40530	KHACHIKIAN	EE	12-3477	KOSM.-PHYSIK	9
		11-2265	THERMEIG.FK	67556			6-1105	KERNREAKTIO	43090	KHACHKURUZOV	G.A.			
JS		9-2761	LUFTHUELLE	90830			12-1403	KERNREAKTIO	43092			2- 348	THERMODYN.	2
LA		9- 307	HYDRODYNAM.	23030		B	12- 104	LABORTECHN.	12520	KHADJAVI	A	9-1182	ATOME	5
		7- 163	QUANTENTHEO	16560		GW	9-1080	KERNREAKTIO	43080	KHADKKIKAR	SB	9- 929	KERNSPEKTR.	4
PB		10- 816	BESCHLEUNIG	41040		JR	10-1074	KERNSPEKTR.	42540	KHADZHI	IP	3-1685	KRISTALLE	6
PJ		3-2688	GRENZFL.FK	74573			4- 678	OPT.INSTRUM	28545		PI	11-2569	LEITFHGK.FK	7
RJ		10- 108	LABORTECHN.	12570			5- 593	MASER,LASER	28060		VE	3-1685	KRISTALLE	6
SW		4-1887	KRISTALLE	65580	KERREBROCK	JL	8-1560	PLASMA	57015			3-1732	KRIST.FEHL.	6
TN		4-1775	FLUESSIGK.	58530	KERRIDGE	JF	9-2889	PLANETEN	93630	KHAIBULLIN	IK	1- 445	THERMODYN.	2
KENNEL	CF	1-1610	PLASMA	57055	KERSCHBAUMER	E	3- 413	TEILCH.OPT.	27010	KHAIDUKOVA	LI	8-1697	GASENTLADG.	5
		1-1629	PLASMA	57080	KERSTETTER	JD	2- 368	THERMODYN.	24554	KHAIKIN	AS	2-1195	MASER,LASER	2
		1-2775	MAGNETOSPH.	91280	KERTESZ	IT	5-2782	GRENZFL.FK	74570			8-1329	ATOME	5
		1-2776	MAGNETOSPH.	91280	KERTH	L	12- 840	KERN-MESSG.	40560		M	3-2532	FK-SPEKTREN	7
KENNETT	TJ	1-1072	KERNSPEKTR.	42545	KERVIN	C	2-2783	IONOSPHERE	91045		MS	7-2291	SUPRALEITG.	7
		3- 953	KERNSPEKTR.	42555	KERWIN	J	1-1365	ATOME	52030		NS	8-2550	FK-SPEKTREN	7
		4-1224	KERNREAKTIO	43046		L	3-1271	MOLEKULE	52580		SY	9-2359	PHOTOLEITG.	7
		5-1050	KERNSPEKTR.	42545	KES	PH	2-2293	SUPRALEITG.	70540			6-1282	MOLEKULE	5
		5-1138	KERNREAKTIO	43044	KESAMANY	FP	2-2307	HALBLEITER	71510	KHAIMOV	MALKOV	V.V.		
		6-1053	KERNREAKTIO	43044			9-2286	HALBLEITER	71530			2-2020		
		11-1076	KERNSPEKTR.	42550	KESAVAMURTHY	N	9-2091	MAGN.EIG.FK	69020			3- 506	MASER,LASER	2
KENNEY	JT	8-1437	MOLEKULE	52540	KESNER	Z	8- 432	AKUSTIK	23550			3- 507	MASER,LASER	2
	RW	1- 858	STARKE WW.	41725	KESSELMAN	PM	3- 369	THERMODYN.	24520			8- 591	MASER,LASER	2
		3- 844	STARKE WW.	41764	KESSELRING	P	6- 381	HF-TECHNIK	27560	KHAIMOVICH	FP	7-1819	KRISTALLE	6
		6- 816	STARKE WW.	41764	KESSINGER	RD	3-2277	SUPRALEITG.	70520			9- 923	KERNSPEKTR.	4
	VP	7- 905	STARKE WW.	41725			3-2280	SUPRALEITG.	70510	KHAIMOVSKAYA	V.V.			
		7- 907	STARKE WW.	41725	KESSLER	A	4-2383	HALBLEITER	71585			2-2256	LEITFHGK.FK	7
		12-1003	STARKE WW.	41725		D	4-1378	ATOME	52050	KHAINOVSKAYA	V.V.			
KENNY	BG	6- 699	ELEMENTART.	41546		FR	3- 643	PHYS.OPTIK	29063			8-1970	KRIST.FEHL.	6
		12- 930	ELEMENTART.	41546			5-2527	PHOTOLEITG.	72510			12-2348	MECH.EIG.FK	6
	MJ	1-1225	KERNREAKTIO	43054			7-2385	PHOTOLEITG.	72510	KHAIRULLINA	AY	2- 588	PHYS.OPTIK	2
KENRICK	PS	10-2768	DUENNE SCHI	74020		J	2-1213	ATOME	52070			7-2757	LUFTHUELLE	9
KENT	G	6-1581	PLASMA	57080			2-2570	DUENNE SCHI	74010	KHAKHAEV	AD	7-1330	ATOME	5
		9-1544	PLASMA	57235			6-1351	MOLEKULE	52580			8-1340	ATOME	5
	JJ	2-1060	KERNREAKTIO	43060			7-1343	ATOME	52070	KHAKHANASHVILI	O.G.			
	MJ	9-2354	PHOTOLEITG.	72510			12-1559	ATOME	52070			1-1512	MOLEKULE	5
KENTON	B	3- 757	ELEMENTART.	41574		P	2- 175	QU.FELDTHEO	17030	KHALATNIKOV	IM	1-1749	FLUESSIGK.	5
KENTY	C	6-1573	GASENTLADG.	57895			4- 272	QU.FELDTHEO	17020	KHALDRE	YY	8-2594	OPT.EIG.FK	7
		7-1626	GASENTLADG.	57840			4- 873	ELEMENTART.	41543	KHALFIN	LA	2- 118	QUANTENTHEO	1
		8- 71	UNTERRICHT	12030			5- 845	ELEMENTART.	41576			3- 182	QUANTENTHEO	1
		12- 627	MASER,LASER	28055			11- 109	QUANTENTHEO	16530			7- 919	STARKE WW.	4
	JL	8-1842	KRISTALLE	65512			11- 756	ELEMENTART.	41578	KHALILOV	KM	11- 758	ELEMENTART.	4
KENYON	I	11-1025	KERNSPEKTR.	42555			12-1099	STARKE WW.	41762			9-1752	KRISTALLE	6
	IR	8- 973	STARKE WW.	41735		RW	2-1220	ATOME	52085			10-2161	GITTERDYN.	6
		10-1003	STARKE WW.	41783		WV	10-3145	STRAHL.BIOL	97010			11-2222	GITTERDYN.	6
		12-1050	STARKE WW.	41740		YM	4-1547	FLUESSIGK.	58565	KHALIMONOVA	IN	2-2489	FK-SPEKTREN	7
KEOWN	R	8-2266	LEITFHGK.FK	70028	KESTEN	AS	12-1828	PLASMA	57090	KHALKIN	VA	5-1093	KERNSPEKTR.	4
KEPKA	AG	2-2425	PHOTOLEITG.	72510	KESTERNICH	W	6- 965	KERNSPEKTR.	42560	KHALOUKPA	P	3-2771	KOSM.STRLG.	9
KEPPEL	E	7- 991	STARKE WW.	41775	KESTIGIAN	M	5-2091	GITTERDYN.	67060	KHAN	AA	10-2186	THERMEIG.FK	6
		11- 809	STARKE WW.	41730			5-2647	OPT.EIG.FK	73640			10-2187	THERMEIG.FK	6
KEPPLE	P	8-1561	PLASMA	57017			6-1754	FLUESSIGK.	58573		AH	1-1249	KERNREAKTIO	4
KEPRT	J	8- 693	PHYS.OPTIK	29015			7-2181	MAGN.EIG.FK	69065			1-1264	KERNREAKTIO	4
KERACHEV	PP	11- 563	PHYS.OPTIK	29076			10-2239	MAGN.EIG.FK	69015			3-1088	KERNREAKTIO	4
		10- 908	STARKE WW.	41725			12-3008	FK-SPEKTREN	73360	KESTIN	J	4-1173	KERNREAKTIO	4
		11- 801	STARKE WW.	41725			4- 418	HYDRODYNAM.	23040			9-1081	KERNREAKTIO	4
KERBLII	TS	4-2773	IONOSPHERE	91070			4-1743	GASE	58025			11-1288	KERNREAKTIO	4
KERBRAT LUNC H		8- 316	FELDTHEORIE	18010	KESTNER	NR	10-1441	ATOME	52065		IH	3-2599	DUENNE SCHI	7
KERECAN	AJ	2- 491	MASER,LASER	28055	KESZTHELYI	L	3-2115	MAGN.EIG.FK	69040		JM	5-2694	DUENNE SCHI	7
KEREKATTE	SS	1-1260	KERNREAKTIO	43080			6-1825	FK-SPEKTREN	73310			1-1898	KRIST.FEHL.	6
		3-2656	DUENNE SCHI	74095	KETCHESON	R	10-1601	MOLEKULE	52585			5-2556	FK-SPEKTREN	7
KEREN	BK	11-1025	KERNSPEKTR.	42535	KETTANI	MA	11-1747	PLASMA	57080		MA	9-1292	MOLEKULE	5
KERIMOV	JK	11- 701	ELEMENTART.	41543	KETTERSON	JB	3-1550	FLUESSIGK.	58527		RH	2-1139	KERNSTRLG.	4
	IG	1-1987	THERMEIG.FK	67510			7-2208	LEITFHGK.FK	70024			4-1335	KERNSTRLG.	4
		3-1976	THERMEIG.FK	67510			8-1741	FLUESSIGK.	58527			4-1336	KERNSTRLG.	4
KERIMOVA	EM	6-2404	HALBLEITER	71500			8-2257	LEITFHGK.FK	70024			4-1337	KERNSTRLG.	4
KERKER	M	10- 657	OPT.INSTRUM	28556			8-2271	LEITFHGK.FK	70035	KETTLEBOROUGH	C.F.			
KERKOV	H	7- 747	KERN-MESSG.	40518			4- 397	HYDRODYNAM.	23020		SA	6-2173	FK-SPEKTREN	7
		11- 581	KERN-MESSG.	40518			3- 282	ELASTIZIT.	22500	KHANDELWAL	GS	11-1438	ATOME	5
KERLIN	AL	5- 527	HF-TECHNIK	27560			2-2008	FK-SPEKTREN	73370	KHANDOZHKO	SV	10-1515	MOLEKULE	5
KERMAN	A	4-1075	KERNSPEKTR.	42500			7- 772	KERN-MESSG.	40527	KHANH	NH	1- 955	STARKE WW.	4
	AK	2-1002	KERNREAKTIO	43008			12-3066	FK-SPEKTREN	73370	KHANINA	IF	12- 145	VAKUUM	1
		4-1039	KERNSTRUKT.	42020	KEUFFEL	JW	12-3074	FK-SPEKTREN	73370		SI	3-2443	HALBLEITER	7
		4-1234	KERNREAKTIO	43050			1- 718	KERN-MESSG.	40510			11-2562	LEITFHGK.FK	7
		6- 883	KERNSTRUKT.	42040	KEUK VAN	G	6-2783	KOSM.STRLG.	90640	KHANNA	BN	7-1402	MOLEKULE	5
		6- 885	KERNSTRUKT.	42050		L	2- 889	STARKE WW.	41780		FC	11-1055	KERNSPEKTR.	4
		8-1077	KERNSTRUKT.	42045			2-1584	FLUESSIGK.	58565		KM	5-1007	KERNSTRUKT.	4
		10-1047	KERNSTRUKT.	42075			6-2200	FK-SPEKTREN	73355			5-1010	KERNSTRUKT.	4</

SEYAROV RY	3-1839	KRIST.FEHL.	66065	KHOLODAR GA	2-2440	PHOTOLEITG.	72510	KIBLER M	10-2595	FK-SPEKTREN	73330
	5-2010	KRIST.FEHL.	66076	KHOLODNITSKY B.A.					12-190	QUANTENTHED	16516
	6-1870	KRIST.FEHL.	66010		12-127	LABORTECHN.	12560	KICHENASSAMY S	1-1675	PLASMA	57235
EV AM	6-534	PHYS.OPTIK	29066	KHOLODOVA LA	12-1996	FLUESSIGK.	58540		4-322	FELDTHEORIE	18040
LYUK AP	11-8	ELEKTRODYN.	26540	KHOLOMAI BV	6-2592	OPT.EIG.FK	73635		10-296	FELDTHEORIE	18010
	10-558	MASER,LASER	28035	KHOLOPOV GK	11-735	ELEMENTART.	41563	KICHIGIN GN	12-758	PHYS.OPTIK	29080
DLY MMZ	2-1427	PLASMA	57206		2-607	PHYS.OPTIK	29066	KICSKA PA	10-475	ELEKTRIZIT.	26030
DZE GA	6-1903	KRIST.FEHL.	66025		11-333	WAERME	24030	KIDD JM	6-1616	GASE	58045
KHORIN FF	2-2429	PHOTOLEITG.	72510	KHOMENKO AA	12-688	OPT.INSTRUM	28553		3-2732	KOSM.STRLG.	90630
	6-1902	KRIST.FEHL.	66025		2-192	STATISTIK	17563		8-1048	STARKE WW.	41780
	7-2319	HALBLEITER	71520	KHOMYAKOV YM	10-2582	FK-SPEKTREN	73325	KIDDER RE	12-1873	PLASMA	57256
	10-2004	KRISTALLE	65588	KHOMYAKOVA FT	8-2195	MAGN.ETG.FK	69045	KIDRON A	3-1708	KRISTALLE	65588
	11-2678	HALBLEITER	71520	KHOQ TL	6-422	OPT.INSTRUM	28540		11-2300	MAGN.EIG.FK	69010
HENKO IF	11-1774	PLASMA	57093	KHOOSBIAR S	5-1225	KERNSTRHLG.	44030	KIEBURTZ RB	5-902	STARKE WW.	41740
LY	11-2053	KRISTALLE	65584	KHORANAS S	12-2743	HALBLEITER	71505	KIEFER K	4-593	HF-TECHNIK	27550
	12-2097	KRISTALLE	65510		5-1960	KRIST.FEHL.	66065	KIEFFER F	10-628	OPT.INSTRUM	28526
NF	7-2545	OPT.EIG.FK	73610	KHORASANOV GL	9-1509	PLASMA	57080		3-2573	OPT.EIG.FK	73640
	7-2546	OPT.EIG.FK	73610	KHORASHAVIN AV	4-1720	PLASMA	57295	LJ	2-1300	MOLEKUELE	52580
NP	12-2923	FK-SPEKTREN	73330	KHORASANDIAN M	1-1290	K-REAKTOREN	43520		6-1331	MOLEKUELE	52570
VA	3-1841	KRIST.FEHL.	66065	KHORUZHYY SS	6-176	QU.FELDTHEO	17060	KIEL A	4-2111	FK-SPEKTREN	73355
VOVA	3-880	KERNSTRUKT.	42010	KHOSE VA	4-898	ELEMENTART.	41563	KIELANOWSKI P	10-729	KERN-MESSG.	40503
	8-1058	KERNSTRUKT.	42010	KHOSHELEV BP	11-484	MASER,LASER	28060	KIELICH S	3-1600	FLUESSIGK.	58573
TONOV AV	11-963	KERNSTRUKT.	42020	KHOSLA PK	1-657	PHYS.OPTIK	29000		4-1468	PHYS.OPTIK	29086
	7-61	MESSEN	12295		11-316	HYDRODYNAM.	23060		10-1798	GASE	58060
EV	4-2492	OPT.EIG.FK	73610	KHOTEEV NV	1-2356	HALBLEITER	71530	KIELKOPF JF	12-742	PHYS.OPTIK	29050
FY	8-1287	KERNSTRHLG.	44010	KHOTKEVICH VI	5-114	VAKUUM	13025	KIEMLE H	11-1417	ATOME	52024
YA	3-1663	KRISTALLE	65560		7-2014	MECH.EIG.FK	66545	KIENLE P	3-589	OPT.INSTRUM	28570
YI	4-1062	KERNSTRUKT.	42070		7-2080	THERMEIG.FK	67510		3-1628	KRISTALLE	65540
YN	11-2418	MAGN.EIG.FK	69040	KHOVRATOVICH N.M.					4-1133	KERN-SPEKTR.	42565
YY	11-1510	MOLEKUELE	52514		8-1435	MOLEKUELE	52538		4-1148	KERN-SPEKTR.	42570
	11-1547	MOLEKUELE	52536		12-1633	MOLEKUELE	52538	KIENZLE W	9-990	KERN-SPEKTR.	42570
TONOVA GA	8-2779	LUFTHUELLE	90860	KHOZE VA	6-1542	PLASMA	57235		1-743	KERN-MESSG.	40560
YN	12-1481	ATOME	52010	KHOZHATELEV MB	9-761	ELEMENTART.	41563		1-953	STARKE WW.	41764
EEVITCH GI	1-1126	KERN-SPEKTR.	42565	KHRAMOV AN	2-1419	PLASMA	57203	KIEPENHEUER KO	5-973	STARKE WW.	41764
COV EI	12-2009	FLUESSIGK.	58546	KHRAPKO RI	4-2675	GEOMAGNET.	90430	KIERSPE W	7-2851	SonnenPHYS.	93324
COVA OV	12-2282	KRIST.FEHL.	66035	KHREBTISHCHEV V.G.	12-333	FELDTHEORIE	18010		7-2293	METAL.LEITG	71010
AMOV SP	10-874	ELEMENTART.	41574		7-1797	KRISTALLE	65518		8-2356	METAL.LEITG	71010
ESIEV VE	11-749	ELEMENTART.	41574	KHRENOV BA	6-2784	KOSM.STRLG.	90640	KIERSTEAD HA	9-2005	THERMEIG.FK	67520
	1-704	PHYS.OPTIK	29063		6-2785	KOSM.STRLG.	90640		2-1538	FLUESSIGK.	58525
	4-2411	FK-SPEKTREN	73300		6-2787	KOSM.STRLG.	90640		5-1755	FLUESSIGK.	58527
	7-712	PHYS.OPTIK	29060		6-2795	KOSM.STRLG.	90646	KIESCHKE HG	10-1903	DISP.SYST.	59540
	10-577	MASER,LASER	28045		11-3267	KOSM.STRLG.	90646		10-3085	KOSM.PHYSIK	94520
	10-1603	MOLEKUELE	52585	KHRIPOVICH IB	11-3268	KOSM.STRLG.	90646	KIESELBACH R	1-617	OPT.INSTRUM	28526
US GI	6-2348	LEITFHGK.FK	70072		1-207	QU.FELDTHEO	17010	KIESEWETTER H	6-1119	K-REAKTOREN	43515
UZOV IG	11-3157	GRENZFL.FK	74520		5-808	ELEMENTART.	41546		11-1353	K-REAKTOREN	43515
KEEVA SE	7-1431	MOLEKUELE	52538	KHRISTENKO EV	7-862	ELEMENTART.	41546	KIESLING RA	9-689	BESCHLEUNIG	41010
KCHAN M	7-575	MASER,LASER	28055	KHRISTIANSEN G.B.	10-165	QUANTENTHED	16516	KIESS H	6-2491	PHOTOLEITG.	72500
	7-638	OPT.INSTRUM	28545		8-2348	SUPRALEITG.	70550		6-2496	PHOTOLEITG.	72510
	12-680	OPT.INSTRUM	28545		6-2784	KOSM.STRLG.	90640	KIEWIT DA	8-2391	HALBLEITER	71540
ANOVA NA	11-2258	THERMEIG.FK	67553		6-2785	KOSM.STRLG.	90640		7-2299	METAL.LEITG	71010
IBI P	7-1418	MOLEKUELE	52534		6-2787	KOSM.STRLG.	90640	KIHARA M	11-751	ELEMENTART.	41574
STOVICH GP	3-381	THERMODYN.	24550		6-2795	KOSM.STRLG.	90646		5-1468	MOLEKUELE	52575
IN LP	6-72	VAKUUM	13016	KHRISTOF D	9-984	KERN-SPEKTR.	42565		9-3006	KOSM.PHYSIK	94583
TIN LM	10-559	MASER,LASER	28035	KHRISTOSENKO V.S.				KIHLBERG A	6-94	QUANTENTHED	16516
ANDOVICH TN	12-2034	FLUESSIGK.	58597		7-2613	DUENNE SCHI	74050		10-156	QUANTENTHED	16516
OV LD	3-505	MASER,LASER	28045		10-77	UNTERRICHT	12055	KIHO H	8-1532	POLYMER	53542
	4-624	MASER,LASER	28045	KHRISTOV ID	7-1014	KERNSTRUKT.	42020	KIJEWski L	11-212	STATISTIK	17560
FETS MI	6-415	MASER,LASER	28045		10-908	STARKE WW.	41725		6-199	STATISTIK	17560
	1-2210	LEITFHGK.FK	70056	KHROMOI YD	8-1686	GASENTLADG.	57810	KIKIANI BI	7-851	ELEMENTART.	41546
	3-2558	FK-SPEKTREN	73395	KHROMOV BP	9-2124	MAGN.EIG.FK	69040	KIKINA NG	11-1139	KERN-SPEKTR.	42565
VS	1-1799	FLUESSIGK.	58530		8-2778	LUFTHUELLE	90860	KIKKAWA K	9-317	HYDRODYNAM.	23040
DM	10-1970	KRISTALLE	65572		12-3458	KOSM.PHYSIK	94520		6-754	STARKE WW.	41720
T	9-1484	PLASMA	57055		12-3459	KOSM.PHYSIK	94520		9-792	STARKE WW.	41700
GI	9-2448	FK-SPEKTREN	73330	KHRUDEV VV	12-1104	K-REAKTOREN	43510	KIKOIN IK	4-2494	OPT.EIG.FK	73610
IV	11-135	QUANTENTHED	16578	KHRULEV VV	12-1291	KERN-SPEKTR.	42570		5-2520	PHOTOLEITG.	72510
	12-251	QUANTENTHED	16578	KHRUSHCHEV BI	6-2974	KOSM.PHYSIK	94560		11-1850	GASE	58025
NYI YM	10-2722	OPT.EIG.FK	73640	KHRUSTALYOV BY	11-602	KERN-MESSG.	40535	KIKUCHI A	3-1707	KRISTALLE	65584
	6-631	BESCHLEUNIG	41010	KHRYLIN BA	12-1912	GASENTLADG.	57880		8-1856	KRISTALLE	65545
	11-654	BESCHLEUNIG	41010	KHUBCHANDANI P.G.	6-882	KERNSTRUKT.	42030		10-2059	KRIST.FEHL.	66065
SELI EM	3-1410	PLASMA	57080		9-1266	MOLEKUELE	52512		10-2060	KRIST.FEHL.	66065
REN MI	7-2331	HALBLEITER	71530		12-1588	MOLEKUELE	52512		12-2224	KRIST.FEHL.	66015
ROVA VI	12-3184	DUENNE SCHI	74020	KHUCHUA NP	2-1987	DIELEKTRIKA	68030		12-2960	FK-SPEKTREN	73355
HNIAK NA	1-1635	PLASMA	57080		8-2142	DIELEKTRIKA	68030		2-2441	PHOTOLEITG.	72510
	6-1559	PLASMA	57270	KHUDENSKY YK	5-1467	MOLEKUELE	52575		2-2599	DUENNE SCHI	74020
	7-1532	PLASMA	57045	KHUKHRYANSKII Y.P.					3-1944	GITTERDYN.	67060
NICHENKO L.P.					9-1980	KRIST.FEHL.	66035		7-2338	HALBLEITER	71540
	3-1957	GITTERDYN.	67070	KHUNDZHUA GG	8-2725	ERDKOERPER	90260		7-2436	FK-SPEKTREN	73325
	3-1958	GITTERDYN.	67070	KHURGIN B	9-980	KERN-SPEKTR.	42565		8-1973	KRIST.FEHL.	66035
BNIKOV BI	8-1244	KERNREAKTIO	43090	KHURI RN	12-1941	FLUESSIGK.	58510		8-2405	HALBLEITER	71540
IVNYUK VS	12-1636	MOLEKUELE	52538	KHUTSISHVILI G.R.					10-2189	THERMEIG.FK	67530
PIINA TN	11-1785	PLASMA	57210		1-2095	FK-SPEKTREN	73370		11-2714	HALBLEITER	71540
	12-1902	GASENTLADG.	57810		5-2214	FK-SPEKTREN	73365		6-314	THERMODYN.	24530
PUSHIN VI	5-279	MECHANIK	22050	KHYASTUNOV MS	3-696	KERN-MESSG.	40505		6-2232	MAGN.EIG.FK	69025
STOV AS	10-534	HF-TECHNIK	27530		5-963	STARKE WW.	41762		6-2630	DUENNE SCHI	74010
	11-2425	MAGN.EIG.FK	69045		4-1008	STARKE WW.	41764		7-767	KERN-MESSG.	40522
	11-2429	MAGN.EIG.FK	69045		5-963	STARKE WW.	41762		7-1716	FLUESSIGK.	58530
LEVITSOV SS	11-484	MASER,LASER	28060		12-842	KERN-MESSG.	40560		7-2489	FK-SPEKTREN	73355
KHOLOVA GU	6-2831	IONOSPHERE	91050		12-1108	STARKE WW.	41764		12-970	ELEMENTART.	41574
AK AI	12-782	KERN-MESSG.	40512		1-1198	KERNREAKTIO	43036		2-419	TEILCH.OPT.	27016
EL VA	3-885	KERNSTRUKT.	42020		5-1130	KERNREAKTIO	43034		7-2016	MECH.EIG.FK	66545
NOVOI VA	3-1191	ATOME	52095		8-1198	KERNREAKTIO	43036		9-1946	MECH.EIG.FK	66553
	7-1481	MOLEKUELE	52585		9-1014	KERNREAKTIO	43034		12-1386	KERNREAKTIO	43075
YREV YP	4-2443	FK-SPEKTREN	73325		11-599	KERN-MESSG.	40532		3-1989	THERMEIG.FK	67520
ZDA AKHMETOV C.L.					6-1186	ATOME	52040		4-956	STARKE WW.	41740
	9-2794	IONOSPHERE	91020	KHYOSTENKO G	12-2815	HALBLEITER	71570		4-2040	GITTERDYN.	67060
ZHAEV LS	2-157	QU.FELDTHEO	17010	KHYOSTOV VA	5-996	KERNSTRUKT.	42010	KIKUGAWA M	3-775	STARKE WW.	41700
	11-123	QUANTENTHED	16575	KIANG D	5-1004	KERNSTRUKT.	42020		8-908	ELEMENTART.	41574
TK	10-809	BESCHLEUNIG	41040		10-976	STARKE WW.	41760	KIKUTA S	7-682	PHYS.OPTIK	29035
ALI A	9-2828	ASTROPHYSIK	93020		11-959	KERNSTRUKT.	42020		9-1793	KRISTALLE	65572
LD	2-2017	FK-SPEKTREN	73370		10-173	QUANTENTHED	16526	KIKVIDZE RR	6-2330	LEITFHGK.FK	70056
	5-2209	FK-SPEKTREN	73370	KIBBLE HS	2-1183	ATOME	52040	KILBY GE	4-1809	FLUESSIGK.	58565
HOV MZ	3-2848	MAGNETOSPH.	91280		3-1132	ATOME	52040	KILCHER P	2-986	KERN-SPEKTR.	42565
	3-2883	PLANETEN	93640		5-1314	ATOME	52065		4-1141	KERN-SPEKTR.	42565
	6-2911	PLANETEN	93655		11-1426	ATOME	52040	KILCHITSKAYA S.S.			
RV	7-527	MASER,LASER	28030		11-154	QU.FELDTHEO	17015		9-2692	ORENZFL.FK	74555
	7-535	MASER,LASER	28040	KIBILDA Z	12-791	KERN-MESSG.	40518	KILCZER G	12-3285	GEOMAGNET.	90430
	7-2519	FK-SPEKTREN	73380	KIBISOV GI	12-1493	ATOME	52020	KILIAN H	12-1405	KERNREAKTIO	43092
KHOVA VL	10-3017	PLANETEN	93640								

KILIN	SF	9-2586	OPT.EIG.FK	73630	KING	JS	11-1647	POLYMERE	53550	KIRCHNER	H	11-2625	SUPRALEITG.	7
		12-2873	FK-SPEKTREN	73320		JW	3-2829	IONOSPHERE	91060		R	11-3112	DUENNE SCHI	7
KILISZEK	CR	7- 112	VAKUUM	13025			5-2842	IONOSPHERE	91040	KIRDYASHEV	KP	11-1774	PLASMA	5
KILICK	DE	9- 507	MASER,LASER	28045			5-2843	IONOSPHERE	91040	KIREEV	PS	3-2620	DUENNE SCHI	7
KILLIG	K	8-1135	KERNSPEKTR.	42550			5-2844	IONOSPHERE	91045	KIRENKOV	II	7- 367	WAERME	2
KILMER	NG	11-2852	FK-SPEKTREN	73325			6-2823	IONOSPHERE	91040	KIRENSKII	LV	11-3142	DUENNE SCHI	7
KIM	BF	3-1779	KRIST.FEHL.	66030			6-2826	IONOSPHERE	91045			11-3150	DUENNE SCHI	7
	CC	11-1258	KERNREAKTIO	43052			6-2828	IONOSPHERE	91050	KIRENSKY	LV	11-3109	DUENNE SCHI	7
	CO	2- 888	STARKE WW.	41780			6-2829	IONOSPHERE	91050	KIRICHENKO	GS	4-1713	PLASMA	5
	CM	6- 648	ELEMENTART.	41510			7-2778	IONOSPHERE	91040		VV	2-1781	KRIST.FEHL.	6
		6- 649	ELEMENTART.	41510			10-2855	GEOMAGNET.	90440	KIRICHOK	PP	1-2457	FK-SPEKTREN	7
		6- 669	ELEMENTART.	41543			10-2935	IONOSPHERE	91072			8-2461	FK-SPEKTREN	7
		9- 774	ELEMENTART.	41574		M	5- 655	PHYS.OPTIK	29010	KIRICHUK	AS	12-3144	OPT.EIG.FK	7
	DJ	1-1819	KRISTALLE	65545		NK	2-1571	FLUESSIGK.	58550	KIRILLIN	VA	3-1975	THERMEIG.FK	6
		8-2256	LEITFHGK.FK	70038		RC	3- 833	STARKE WW.	41753	KIRILLOV	AI	6-2594	OPT.EIG.FK	7
		10-2408	LEITFHGK.FK	70076		RD	7-2215	LEITFHGK.FK	70038		PL	8- 468	WAERME	2
		10-2410	LEITFHGK.FK	70076		REJ	10- 654	OPT.INSTRUM	28553		VV	8-2129	DIELEKTRIKA	6
		10-2535	FK-SPEKTREN	73310		RW	9- 578	OPT.INSTRUM	28566	KIRILLOV	UGRJUMOV	W.G.		
	DY	6-1871	KRIST.FEHL.	66010			11-1878	FLUESSIGK.	58510			8-1036	STARKE WW.	4
	H	4-1382	ATOME	52065		ST	12-1624	MOLEKUELE	52536	KIRILLOV	URGYUMOV	V.G.		
		5-1321	ATOME	52065		SV	1-1753	FLUESSIGK.	58530			11- 925	STARKE WW.	4
		7-1384	MOLEKUELE	52512			6-1650	FLUESSIGK.	58520	KIRILLOVA	IV	8-2105	THERMEIG.FK	6
		8-1204	KERNREAKTIO	43046		TA	12-1522	ATOME	52040		MM	2-2682	GRENZFL.FK	7
		8-1376	MOLEKUELE	52510		WB	8- 695	PHYS.OPTIK	29015		SI	5-2501	HALBLEITER	7
		10-1503	MOLEKUELE	52512		WT	11- 564	PHYS.OPTIK	29076	KIRILOV	SS	4- 821	KERN-MESSG.	4
HC		6-2045	MECH.EIG.FK	66540			8-1403	MOLEKUELE	52516	KIRIN	IS	6-2211	FK-SPEKTREN	7
HH	11- 507	OPT.INSTRUM	28550		KING HELE	D	8-1809	FLUESSIGK.	58570	KIRITANI	M	2-1784	KRIST.FEHL.	6
HJ	1-1037	KERNSPEKTR.	42525			DG	5-2796	ERDKOERPER	90230	KIRK	PN	8- 912	ELEMENTART.	4
	6- 951	KERNSPEKTR.	42555				1-2727	LUFTHUELLE	90815			11- 725	ELEMENTART.	4
J	7- 980	STARKE WW.	41764				5-2822	LUFTHUELLE	90840		RD	8- 757	KERN-MESSG.	4
	7- 981	STARKE WW.	41764				8-2757	LUFTHUELLE	90830		RS	6-2064	MECH.EIG.FK	6
JK	5- 877	STARKE WW.	41720				8-2758	LUFTHUELLE	90830		W	4- 100	UNTERRICHT	1
	7- 924	STARKE WW.	41730				8-2760	LUFTHUELLE	90830		WH	9- 366	WAERME	2
	12-1032	STARKE WW.	41730				8-2914	PLANETEN	93655	KIRK JR.	CT	3-2682	GRENZFL.FK	7
JS	1-2705	GEOMAGNET.	90470				12-3324	LUFTHUELLE	90830		JC	6-2702	GRENZFL.FK	7
MU	2- 961	KERNSPEKTR.	42545			DK	5-2820	LUFTHUELLE	90830			5-2497	HALBLEITER	7
	8-1155	KERNSPEKTR.	42560		KING JR.	J	10-1582	MOLEKUELE	52575	KIRKALDY	JS	2-1737	KRIST.FEHL.	6
NG	12-1757	PLASMA	57235			JS	6-1352	MOLEKUELE	52575	KIRKBRIDE	J	2- 636	KERN-MESSG.	4
PH	3-1989	THERMEIG.FK	67520		KINGERY	WD	2-2590	DUENNE SCHI	74020	KIRKBY	P	2-1045	KERNREAKTIO	4
S	6-1649	FLUESSIGK.	58520				12- 402	ELASTIZIT.	22530			8-1217	KERNREAKTIO	4
	10-2560	FK-SPEKTREN	73325		KINGMA	R	5-1858	KRISTALLE	65518	KIRKENDALL	TD	2-2534	OPT.EIG.FK	7
	11- 804	STARKE WW.	41730			RV	2-2444	PHYS.OPTIK	29080			7- 103	VAKUUM	1
TH	3-1089	KERNREAKTIO	43080		KINGSEP	AS	1-1630	PLASMA	57060	KIRO	D	11-2987	FK-SPEKTREN	7
VM	6- 858	STARKE WW.	41783		KINGSLEY	JD	9-2617	OPT.EIG.FK	73640	KIROUAC	GJ	4-1312	KERNSTRHLG.	4
	6-2792	KOSH-STRLG.	90646		KINGSTON	AE	2-1146	ATOME	52010	KIROVSKAYA	IA	3-2677	GRENZFL.FK	7
YB	12-2714	SUPRALEITG.	70530				2-1163	ATOME	52040	KIRSANOV	BP	4- 615	MASER,LASER	2
YE	11- 989	KERNSTRUKT.	42070				6-1216	PLASMA	57010			5- 542	MASER,LASER	2
YK	8-1336	ATOME	52060				9-1231	ATOME	52070			7- 591	MASER,LASER	2
	9-1211	ATOME	52060				9-1375	MOLEKUELE	52575	KIRSANOVA	TS	12-3261	GRENZFL.FK	7
YN	1-1164	KERNREAKTIO	43005				10-1448	ATOME	52065	KIRSCH	J	1-2050	FK-SPEKTREN	7
	7-1455	MOLEKUELE	52565				10-1467	ATOME	52070		L	1- 956	STARKE WW.	4
YS	10-1572	MOLEKUELE	52565				10-1468	ATOME	52070			7- 980	STARKE WW.	4
	5- 926	STARKE WW.	41750				10-1469	ATOME	52070			7- 981	STARKE WW.	4
	6- 833	STARKE WW.	41770			FE	11- 369	ELEKTRIZIT.	26060	KIRSON	MW	1- 981	KERNSTRUKT.	4
	12- 245	QUANTENTHEO	16578			FG	7-1004	KERNSTRUKT.	42010			12-1170	KERNSTRUKT.	4
YW	3-2063	FK-SPEKTREN	73355				10-1016	KERNSTRUKT.	42010	KIRSOPP	RG	7- 988	STARKE WW.	4
	5- 412	WAERME	24070			J	12-3324	LUFTHUELLE	90830	KIRST	TR	5-2763	GRENZFL.FK	7
	6- 316	THERMODYN.	24533		KINI	KA	12-3219	GRENZFL.FK	74510	KIRSTE	RG	7-1484	MOLEKUELE	5
	11-2911	FK-SPEKTREN	73355		KINK	RD	8-2283	LEITFHGK.FK	70053	KIRSTEIN	D	9-1680	FLUESSIGK.	5
KIMATA	M	8- 503	ELEKTRIZIT.	26060	KINMAN	TD	8-2993	KOSH-PHYSIK	94560	KIRSTEN	T	6- 906	KERNSPEKTR.	4
	8- 504	ELEKTRIZIT.	26060				8-2994	KOSH-PHYSIK	94560			11- 728	ELEMENTART.	4
KIMBALL	CM	3-1647	KRISTALLE	65545	KINNEY	JS	3- 600	PHYS.OPTIK	29000			12-1256	KERNSPEKTR.	4
	8-1852	KRISTALLE	65545			RA	4-1696	PLASMA	57206	KIRTMAN	B	4-1435	MOLEKUELE	5
	5-2328	LEITFHGK.FK	70024		KINO	GS	5-2088	GITTERDYN.	67060	KIRYANOVA	VM	11-2753	HALBLEITER	7
	12-2522	MAGN.EIG.FK	69020				6-2328	LEITFHGK.FK	70056	KIRYUSHIN	VT	4- 821	KERN-MESSG.	4
KIMEL	S	8-1860	KRISTALLE	65545			11-2716	HALBLEITER	71540	KIRZ	J	9- 813	STARKE WW.	4
KIMMITT	MF	9-2354	PHOTOLEITG.	72510			12-1745	PLASMA	57030			12-1000	STARKE WW.	4
KIMOTO	A	4-2046	THERMEIG.FK	67510			12-1816	PLASMA	57085			12-1001	STARKE WW.	4
	K	3-1603	KRISTALLE	65510		T	5-1942	KRIST.FEHL.	66015	KIRZHNITS	DA	8- 101	MESSEN	1
		4-1889	KRISTALLE	65580		Y	11-2310	MAGN.EIG.FK	69010			9- 224	FELDTHEORIE	1
KIMURA	H	2-2305	HALBLEITER	71500	KINOSHITA	A	2-1621	KRISTALLE	65518			12-2702	SUPRALEITG.	7
		5-2429	SUPRALEITG.	70520		K	4- 251	QUANTENTHEO	16585	KIS	E	8-2708	GRENZFL.FK	7
	11-3406	STERNE	94040				6- 133	QUANTENTHEO	16575	KISABETH	JL	4-2767	IONOSPHERE	9
	I	2-1355	PLASMA	57033			6- 821	STARKE WW.	41764	KISELEV	AA	3-1464	PLASMA	5
		6-2276	MAGN.EIG.FK	69060			8- 962	STARKE WW.	41725			5-1353	MOLEKUELE	5
		6-2841	IONOSPHERE	91074			9-2698	GRENZFL.FK	74570		AB	1-2661	GRENZFL.FK	7
		10-1633	POLYMERE	53546			12- 261	QUANTENTHEO	16585		AV	1- 106	VAKUUM	1
		12-2580	MAGN.EIG.FK	69060		N	2-2048	FK-SPEKTREN	73355			3-2675	GRENZFL.FK	7
	K	7-1412	MOLEKUELE	52528		R	10- 413	AKUSTIK	23540			4-2614	GRENZFL.FK	7
	M	2-1214	ATOME	52070		T	1- 817	ELEMENTART.	41550		BG	11-1100	KERNSPEKTR.	4
	S	9-1930	MECH.EIG.FK	66540			4- 233	QUANTENTHEO	16578		DF	12-2938	FK-SPEKTREN	7
	T	3- 723	ELEMENTART.	41535			4- 893	ELEMENTART.	41550		IE	5-1036	KERNSPEKTR.	4
		5- 799	ELEMENTART.	41535			8- 230	QUANTENTHEO	16578		OF	11-2271	DIELEKTRIKA	6
		11- 686	ELEMENTART.	41535		Y	9-2776	LUFTHUELLE	90860		VA	9- 503	MASER,LASER	2
KINARD JR.	JR	1-2021	POLYMERE	53544			12- 261	QUANTENTHEO	16585		VF	5-2505	HALBLEITER	7
KINASE	W	9-1773	KRISTALLE	65545			12- 737	PHYS.OPTIK	29045		VS	5- 916	STARKE WW.	4
KINBER	BE	8-1665	PLASMA	57206			12-3331	LUFTHUELLE	90860			10- 931	STARKE WW.	4
		9- 353	AKUSTIK	23530	KINSEY	JL	4-1528	MOLEKUELE	52575			10- 932	STARKE WW.	4
KINCH	MA	11-2900	FK-SPEKTREN	73345			4-1752	GASE	58050			10-1020	KERNSTRUKT.	4
KIND	H	8- 149	VAKUUM	13030		KF	11-1591	MOLEKUELE	52575		VY	6-1566	GASENTRAG.	5
	R	4- 487	THERMODYN.	24530			9- 821	STARKE WW.	41735		YT	4- 824	KERN-MESSG.	4
KINDER	H	6-2091	GITTERDYN.	67060		RR	11- 832	STARKE WW.	41740		YV	6-2846	MAGNETOSPH.	9
		10-2444	SUPRALEITG.	70550	KINSON	JB	6- 790	STARKE WW.	41745	KISELEVA	MN	4-2457	FK-SPEKTREN	7
	W	8- 643	OPT.INSTRUM	28545	KINT	S	1- 79	LABORTECHN.	12550		MS	6-2799	LUFTHUELLE	2
KINDIG	NB	2-2677	GRENZFL.FK	74570	KINTNER	P	8- 619	OPT.INSTRUM	28513		TL	10- 466	ELEKTRIZIT.	2
KINDL	B	7-2640	GRENZFL.FK	74535	KINZER	RL	11- 612	KERN-MESSG.	40565	KISELNIKOVA	SN	3-2508	FK-SPEKTREN	7
KINDLMANN	PJ	7- 439	ELEKTRIZIT.	26060			12-1036	STARKE WW.	41735	KISELYOV	AA	9-1254	MOLEKUELE	5
KING	AB	7-1474	MOLEKUELE	52580			11- 538	PHYS.OPTIK	29015			9-1255	MOLEKUELE	5
	CD	3-1457	PLASMA	57256	KINZLY	RE	11-2048	KRISTALLE	65584		VM	12- 642	MASER,LASER	2
		12- 458	HYDRODYNAM.	23070	KIOSSE	GA	2-2867	STERNE	94040	KISELYOVA	MS	10-1541	MO	

VYSKII LD	1-2498 FK-SPEKTREN	73330	KLAPISCH R	11-1190 KERNREAKTIO	43016	KLEINMAN L	3-2199 LEITFHGK.FK	70010
	2-2509 OPT.EIG.FK	73610		11-1191 KERNREAKTIO	43016		5-1304 ATOME	52010
	10-1815 FLUESSIGK.	58520	KLASON C	4-1572 POLYMERIE	53540		7-2201 LEITFHGK.FK	70026
	12-750 PHYS.OPTIK	29060	KLASSEN IF	9-1319 MOLEKUELE	52540		10-2105 MECH.EIG.FK	66545
WYSKY LD	8-2490 FK-SPEKTREN	73330	KLASSMANN W	2-1351 PLASMA	57026	RE	4-743 PHYS.OPTIK	29043
WAKOV AI	1-1672 PLASMA	57206	KLATT A	5-3002 STRAHL.BIOL	97010		5-478 ELEKTRODYN.	26530
AE	12-789 KERN-MESSG.	40518	KLAUDER JR	10-67 BUECHER	11020	KLEINMENOVA N	8-2812 IONOSPHERE	91074
I	9-1687 FLUESSIGK.	58555		11-149 QU.FELDTHEO	17010	KLEINPOPPEN H	2-1178 ATOME	52030
WNER HR	4-1041 KERNSTRUKT.	42020	KLAUDER JR. LT	3-1525 GASE	58050	KLEINSCHMIT P	3-1568 FLUESSIGK.	58540
	11-948 KERNSTRUKT.	42020	KLAUSMANN E	8-2117 DIELEKTRIKA	68010	KLEINSTUECK K	7-1878 KRIST.FEHL.	66025
WNGER HE	6-2377 SUPRALEITG.	70540	KLAUSNER Y	2-298 HYDRODYNAM.	23070		8-1913 KRISTALLE	65588
	10-2063 KRIST.FEHL.	66065	KLAUSS K	1-1480 MOLEKUELE	52540		11-2420 MAGN.EIG.FK	69045
ER KH	12-839 KERN-MESSG.	40560	KLEBANOFF J	3-417 OPT.	27050	KLEIST G	8-1604 PLASMA	57050
LINGER LS	1-871 STARKE WW.	41735	L	3-105 VAKUUM	13030	KLEMA ED	4-1102 KERNSPEKTR.	42550
	4-1064 KERNSTRUKT.	42075	PS	1-357 HYDRODYNAM.	23040	KLEMAN B	1-577 MASER,LASER	28055
MAKER J	11-3155 GRENZFL.FK	74520		6-261 HYDRODYNAM.	23040	M	7-2152 MAGN.EIG.FK	69035
MAKOWSKY G.B.	4-1522 MOLEKUELE	52575	KLEBE J	2-616 PHYS.OPTIK	29076		11-2331 MAGN.EIG.FK	69015
	6-1342 MOLEKUELE	52575		2-617 PHYS.OPTIK	29076	KLEMENS PG	6-2077 BITTERDYN.	67010
V	8-974 STARKE WW.	41735	KLEBER M	2-618 PHYS.OPTIK	29076	KLEMENT JR. W	11-2255 THERMEIG.FK	67550
HER G	1-1306 KERNSTRHLG.	44010	KLECHKOVSKEYA V.V.	8-1070 KERNSTRUKT.	42020	KLEMM A	5-1699 GASE	58025
OC	5-812 ELEMENTART.	41560		12-3184 DUENNE SCHI	74020		5-2101 BITTERDYN.	67070
EM	2-2323 HALBLEITER	71520	KLEEMANN W	7-1893 KRIST.FEHL.	66030	KLEMPERER W	2-1281 MOLEKUELE	52528
A	8-1794 FLUESSIGK.	58562	KLEEN W	8-13 BIOGRAPHIEN	10230		3-1206 MOLEKUELE	52512
	10-1870 FLUESSIGK.	58562	KLEESATTEL C	12-401 ELASTIZIT.	22530		3-1249 MOLEKUELE	52516
DA T	2-1765 KRIST.FEHL.	66030	KLEIM R	5-2573 FK-SPEKTREN	73325		7-1374 ATOME	52090
	6-2588 OPT.EIG.FK	73635	KLEIMENOVA NG	3-2724 GEOMAGNET.	90440		8-1394 MOLEKUELE	52514
EV LV	2-2090 MAGN.EIG.FK	69030	KLEIN A	12-1178 KERNSTRUKT.	42075		10-1510 MOLEKUELE	52514
VF	1-590 MASER,LASER	28055		12-1179 KERNSTRUKT.	42075	KLEMP E	6-348 ELEKTRODYN.	26540
	2-497 MASER,LASER	28055	AH	2-1921 THERMEIG.FK	67510	KLENERT M	9-547 OPT.INSTRUM	28510
	7-1502 PLASMA	57010	AP	7-2175 MAGN.EIG.FK	69060	KLEPIKOV NP	10-216 QUANTENTHED	16575
BAKI T	5-971 STARKE WW.	41764	CA	1-2380 HALBLEITER	71560		12-1052 STARKE WW.	41740
BABA T	6-2082 BITTERDYN.	67020		11-453 MASER,LASER	28050	KLEPPA OJ	8-1778 FLUESSIGK.	58550
BARA A	10-1899 DISP.SYST.	59520		12-2629 LEITFHGK.FK	70022	KLEPPER O	7-1080 KERNSPEKTR.	42545
AIRO I	3-1692 KRISTALLE	65578	D	12-3315 LUFTHUELLE	90815	KLEPPNER D	1-1364 ATOME	52030
	3-2354 METAL.LEITG	71010	DJ	9-1262 MOLEKUELE	52512		5-1318 ATOME	52065
IGORODSKII A.I.	3-1869 MECH.EIG.FK	66514	E	9-1264 MOLEKUELE	52512	KLERK DE D	2-2293 SUPRALEITG.	70540
	6-1789 KRISTALLE	65510		5-1497 ATOME	52035	J	7-1983 MECH.EIG.FK	66514
	8-2092 THERMEIG.FK	67500		7-1438 MOLEKUELE	52547	KLESHCHEV GV	6-1976 KRIST.FEHL.	66060
	9-1905 MECH.EIG.FK	66514		12-692 OPT.INSTRUM	28563		12-2174 KRISTALLE	65572
YI	7-353 HYDRODYNAM.	23070		12-1515 ATOME	52035		12-2349 MECH.EIG.FK	66518
ZI	3-1869 THERMEIG.FK	67540	FK	6-1641 FLUESSIGK.	58520	KLESHCHUK VG	1-529 HF-TECHNIK	27530
IGORODSKY S.A.	10-2848 ERDKOERPER	90260	GA	12-2192 KRISTALLE	65582	KLESNIL M	3-1885 MECH.EIG.FK	66545
	4-1010 STARKE WW.	41764	H	6-600 KERN-MESSG.	40560		12-2275 KRIST.FEHL.	66035
KADO S	6-801 STARKE WW.	41753	J	6-568 KERN-MESSG.	40518	KLESSINGER M	9-1275 MOLEKUELE	52516
MURA M	9-2926 STERNE	94020		10-2441 SUPRALEITG.	70520	KLETZMAYR EK	4-1316 KERNSTRHLG.	44010
DO K	2-979 KERNSPEKTR.	42560		11-257 ELASTIZIT.	22520	KLEVANS EH	5-1527 PLASMA	57070
	6-1457 PLASMA	57055	K	6-49 LABORTECHN.	12510	KLEYTSOV PV	11-2053 KRISTALLE	65584
	8-1620 PLASMA	57055		6-79 VAKUUM	13030		12-2097 KRISTALLE	65510
OKA S	12-2343 MECH.EIG.FK	66545		8-149 VAKUUM	13030	KLEYTSOVA RF	11-2051 KRISTALLE	65584
IZIMA I	1-571 MASER,LASER	28050	L	11-1765 PLASMA	57090	KLEY W	6-2084 BITTERDYN.	67020
WHEN CA	8-944 STARKE WW.	41725	LS	11-1671 PLASMA	57026		10-741 KERN-MESSG.	40548
WHENS TA	6-2087 BITTERDYN.	67040	MJ	1-20 BIOGRAPHIEN	10220	WA	1-621 OPT.INSTRUM	28530
	8-2204 MAGN.EIG.FK	69060	ML	2-2659 GRENZFL.FK	74530	CC	4-2526 OPT.EIG.FK	73655
	12-1956 FLUESSIGK.	58527		3-1509 GASE	58025	K	2-1431 PLASMA	57210
WHING JE	9-961 KERNSPEKTR.	42555		3-1937 BITTERDYN.	67060	W	10-71 BUECHER	11040
WHINGMAN WJ	6-2057 MECH.EIG.FK	66545		5-1918 KRISTALLE	65582	KL	10-2572 FK-SPEKTREN	73325
AI	7-385 WAERME	24026		9-1341 MOLEKUELE	52560		12-2633 LEITFHGK.FK	70028
ENKO AB	8-1641 PLASMA	57085	MM	9-1917 MECH.EIG.FK	66514	OK	12-2660 LEITFHGK.FK	70056
	9-1546 PLASMA	57235	MP	9-2765 LUFTHUELLE	90840	KLIGER	5-977 STARKE WW.	41764
AKA S	6-2156 DIELEKTRIKA	68030		4-1458 MOLEKUELE	52510		6-597 KERN-MESSG.	40555
EEL	4-82 UNTERRICHT	12025		5-525 HF-TECHNIK	27560	KLIGL M	11-2510 MAGN.EIG.FK	69065
	10-2401 LEITFHGK.FK	70070	MV	10-633 OPT.INSTRUM	28530	YA	8-2790 LUFTHUELLE	90895
W	7-991 STARKE WW.	41775		1-1990 THERMEIG.FK	67520	KLIMA	1-1642 PLASMA	57090
	11-809 STARKE WW.	41730	HW	11-2868 FK-SPEKTREN	73330		3-1330 PLASMA	57017
EELBERGER J.S.	2-2484 FK-SPEKTREN	73330		2-2080 MAGN.EIG.FK	69025		4-540 ELEKTRODYN.	26540
	11-620 KERN-MESSG.	40570	N	9-2208 LEITFHGK.FK	70074		6-1488 PLASMA	57070
REDGE RI	4-2143 MAGN.EIG.FK	69020		3-2400 HALBLEITER	71540		12-1826 PLASMA	57090
IG W	7-2883 PLANETEN	93655		11-888 STARKE WW.	41764	KLIMANOVA LF	6-1057 KERNREAKTIO	43044
HI Y	11-2806 PHOTOLEITG.	72530	O	3-190 QU.FELDTHEO	17010		11-828 STARKE WW.	41735
AE	10-2015 KRIST.FEHL.	66010		8-124 LABORTECHN.	12540	KLIMAS PC	3-320 HYDRODYNAM.	23060
	10-2075 KRIST.FEHL.	66076	P	9-436 ELEKTRIZIT.	26060	KLIMASHIN GM	2-2331 HALBLEITER	71520
EA	11-1946 FLUESSIGK.	58570	PR	7-894 STARKE WW.	41710	KLIMASZEWSKI B	9-2151 MAGN.EIG.FK	69060
	12-1603 MOLEKUELE	52516		8-946 STARKE WW.	41725	KLIMCHUK MA	11-1946 FLUESSIGK.	58570
ELSON D	4-1549 MOLEKUELE	52580	R	10-874 ELEMENTART.	41574	KLIMENKO AS	7-1219 KERNREAKTIO	43066
	4-1550 MOLEKUELE	52580		5-2424 SUPRALEITG.	70520		9-1061 KERNREAKTIO	43064
HO	11-1772 PLASMA	57093	S	8-2339 SUPRALEITG.	70550	IS	7-663 OPT.INSTRUM	28570
ILIS VM	6-2719 GRENZFL.FK	74560		9-2234 SUPRALEITG.	70550	SV	11-608 KERN-MESSG.	40555
INEN M	6-2766 GEOMAGNET.	90450		1-1673 PLASMA	57010	VM	3-629 PHYS.OPTIK	29040
M	7-2282 SUPRALEITG.	70550		1-1903 KRIST.FEHL.	66065	AI	5-2789 GRENZFL.FK	74576
MA S	9-1532 PLASMA	57203		2-1437 PLASMA	57010	IA	6-2930 STERNE	90505
	12-1750 PLASMA	57033		4-1586 PLASMA	57015	KLINKA LA	3-2407 HALBLEITER	71540
AN TS	5-2745 DUENNE SCHI	74065	SL	4-1705 PLASMA	57015	KLIMONTOVICH V.L.	3-539 MASER,LASER	28055
IKAWA M	9-2253 STERNE	94050	W	11-832 STARKE WW.	41740		9-1446 PLASMA	57026
AEV SA	6-2204 FK-SPEKTREN	73355	WR	12-2833 PHOTOLEITG.	72510	KLIMOVA LA	4-1513 FK-SPEKTREN	73325
EL VA	3-659 PHYS.OPTIK	29083		4-462 AKUSTIK	23570		8-2598 OPT.EIG.FK	73625
	3-2563 OPT.EIG.FK	73635	KLEIN JR. AA	9-1707 FLUESSIGK.	58570	KLIMOWSKI J	12-2357 MECH.EIG.FK	66545
	4-2506 OPT.EIG.FK	73640	N	11-3060 DUENNE SCHI	74010	KLIMUSHEVA GV	5-2563 FK-SPEKTREN	73320
	9-2569 OPT.EIG.FK	73610	WH	10-3138 HOEREN	96320	KLIME KA	10-1811 FLUESSIGK.	58520
AEV SA	9-2163 MAGN.EIG.FK	69080		1-2385 HALBLEITER	71563	SJ	7-332 HYDRODYNAM.	23030
KSHUS A	7-2177 MAGN.EIG.FK	69060	KLEINERT H	1-123 QUANTENTHED	16516	KLINGELHOEFER R.	9-1243 ATOME	52085
BERG A	10-1107 KERNSPEKTR.	42550		1-124 QUANTENTHED	16516	KLINGENBERG H	12-1859 PLASMA	57216
LLANDER RAE	2-1590 FLUESSIGK.	58570		1-894 STARKE WW.	41750	KLINKEN VAN J	1-1114 KERNSPEKTR.	42560
	7-1739 FLUESSIGK.	58550		1-1335 ATOME	52010	L	10-1097 KERNSPEKTR.	42545
	8-1770 FLUESSIGK.	58546		3-1119 ATOME	52010	KLINKENBERG P.F.A.	6-1173 ATOME	52027
	10-1852 FLUESSIGK.	58550		5-931 STARKE WW.	41753		9-1180 ATOME	52024
AIJSEN FW	5-2114 THERMEIG.FK	67510		6-734 ELEMENTART.	41586	KLIONSKII MD	10-469 ELEKTRIZIT.	26012
ASSEN TO	6-2385 SUPRALEITG.	70550		7-942 STARKE WW.	41750		10-472 ELEKTRIZIT.	26012
BUHN J	10-1011 STARKE WW.	41790		11-837 STARKE WW.	41743	KLIORE A	10-2991 PLANETEN	93613
BUNDE CE	3-1826 KRIST.FEHL.	66065		12-1458 ATOME	52010	DA	3-2924 HYDRODYNAM.	23050
DNITSKAYA E.N.	9-817 STARKE WW.	41725	HM	10-957 STARKE WW.	41755	W	3-2924 HYDRODYNAM.	23050
	7-1746 FLUESSIGK.	58557		4-2059 THERMEIG.FK	67550	KLIPPING B	3-68 LABORTECHN.	12530
ES G	7-616 OPT.INSTRUM	28530	KLEINFELDER WJ	11-2133 KRIST.FEHL.	66065		3-358 WAERME	24060
MUT J	3-2111 MAGN.EIG.FK	69035	KLEINGELD JPA	7-118 VAKUUM	13060	KLIER JK	12-1224 KERNSPEKTR.	42545
AC	11-2497 MAGN.EIG.FK	69060	KLEINHENS B	4-1816 FLUESSIGK.	58568	KLICHICHIN AA	8-2406 HALBLEITER	71560
PDOR HV	3-73 LABORTECHN.	12530		12-2763 HALBLEITER	71530	VP	8-1419 MOLEKUELE	52528
	8-1115 KERNSPEKTR.	42545	KLEINHENZ P	6-42 BUECHER	11020		11-3067 DUENNE SCHI	74010
	12-1220 KERNSPEKTR.	42545	KLEINHENZ K	8-769 KERN-MESSG.	40532	KLOCK PW	4-592 HF-TECHNIK	27550
PISCH M	1-1386 ATOME	52030	KLEINHECHT K	10-2035 KRIST.FEHL.	66035	KLOECKNER J	9-990 KERNSPEKTR.	42570
	6-1171 ATOME	52020	CJ	7-857 ELEMENTART.	41546	D	12-484 WAERME	24060
R	4-826 KERN-MESSG.	40570		4-1415 ATOME	52070	P	5-792 KERN-MESSG.	40560
			DA	7-1349 ATOME	52070		6-787 STARKE WW.	41740
				2-1905 BITTERDYN.	67060			

KLOKHOLM	E	7-2609	DUENNE SCHI	74050	KNIGHT	WL	10- 913	STARKE WW.	41730	KOBAYASHI	T	4- 918	ELEMENTART.	41730
KLONTZ	EE	12-2300	KRIST.FEHL.	66065		WS	11-1883	FLUESSIGK.	58520			5- 847	ELEMENTART.	41730
KLOOS		5-2369	LEITFHGK.FK	70056	KNIPPER	A	10-1102	KERNSEKTR.	42545			5- 847	ELEMENTART.	41730
		8-1981	KRIST.FEHL.	66062			10-1115	KERNSEKTR.	42550			8- 929	STARKE WW.	41730
KLOPFER	A	7-2656	GRENZFL.FK	74535			10-1265	KERNREAKTIO	43054			8- 963	STARKE WW.	41730
KLOPOVSKY	KS	11- 382	ELEKTRODYN.	26540	KNISELEY	RM	10-1526	MOLEKUELE	52520			8-1022	STARKE WW.	41730
KLOSE	JZ	4-1363	ATOME	52040	KNISSEL	B	4- 347	MECHANIK	22034			9- 651	KERN-MESSG.	41730
	W	4-2387	HALBLEITER	71530	KNITTER	HH	5- 767	KERN-MESSG.	40584			10- 955	STARKE WW.	41730
		9-2227	SUPRALEITG.	70530			5-1212	KERNSTRHLG.	44010			10- 956	STARKE WW.	41730
KLOSNER	JM	8-1524	POLYMERE	53540	KNITTL	Z	1- 654	PHYS.OPTIK	29000			12-1096	STARKE WW.	41730
KLOT V.	R	7-2074	THERMEIG.FK	67510	KNIZHNIKOVA	LA	6-2791	KOSH-STRIG.	90646			12-1119	STARKE WW.	41730
KLOT VON	R	5-2285	MAGN.EIG.FK	69065	KNJAZEY	DA	2-1236	MOLEKUELE	52514			12-1812	PLASMA	5
		7-2465	FK-SPEKTREN	73355	KNOBELER	CF	9-1599	GASE	58010			12-3491	HOEREN	9
KLOTS	CE	3-1110	KERNSTRHLG.	44030	KNOCHE	KM	6- 88	MATH.PHYSIK	16020			7- 295	MECHANIK	2
KLOTSMAN	SM	11-2082	KRIST.FEHL.	66020			11-1661	PLASMA	57017			8- 310	STATISTIK	1
KLOTTER	K	1-2856	BIOPHYSIK	96000	KNOEBEL	HW	5-2836	IONOSPHERE	91020	KOBE	DH	11- 222	STATISTIK	1
KLOTYNSH	EE	3-2386	HALBLEITER	71520	KNOEFEL	S	10- 751	KERN-MESSG.	40582			7-1516	PLASMA	5
KLOYNING	A	1- 877	STARKE WW.	41740	KNOEDES	S	11-1709	PLASMA	57050	KOBISCHKE	H	8- 116	LABORTECHN.	5
		8-2741	KOSH-STRIG.	90646			11-1710	PLASMA	57050	KOBOZEY	NI	9-3014	BIOPHYSIK	9
		9- 835	STARKE WW.	41740	KNOESEL	R	10-1634	POLYMERE	53546	KOBRYNSKI	M	10- 401	AKUSTIK	2
		12-1046	STARKE WW.	41740	KNOF	H	3-2553	OPT.EIG.FK	73605	KOBSAREV	IY	12- 916	ELEMENTART.	41730
KLUBNIKIN	VS	10-1653	PLASMA	57020			7-1373	ATOME	52090	KOBTSEV	YD	11-2692	HALBLEITER	7
KLUCHARYOV	AM	9-1241	ATOME	52075			10-2691	OPT.EIG.FK	73605			12- 529	ELEKTIZIT.	2
KLUEBER	O	4-1734	GASENTLADG.	57860	KNOHL	U	6-1187	ATOME	52030	KOBYAKOV	IB	8-2146	DIELEKTRIKA	61
KLUEBER VON H		7-2848	SONNENPHYS.	93324			10-1132	KERNSEKTR.	42560			10-2089	MECH.EIG.FK	61
		11-3370	SONNENPHYS.	93324	KNOL	JS	7-2498	FK-SPEKTREN	73370			12-2503	DIELEKTRIKA	61
KLUEGEL	J	11-2727	HALBLEITER	71560	KNOLF	GF	3-1092	KERNREAKTIO	43092	KOBYTEV	WS	9-1827	THERMEIG.FK	61
KLUG	A	6- 367	TEILCH.OPT.	27040			12- 5	BIOGRAPHIEN	10212	KOBZAR	NY	11-2207	MECH.EIG.FK	61
KLUGE	E	10- 949	STARKE WW.	41753			5-2719	DUENNE SCHI	74040	KOBZAREV	IY	1- 792	ELEMENTART.	41730
	O	12-1399	KERNREAKTIO	43090	KNOLLMAN	GC	6- 202	STATISTIK	17566			12- 942	ELEMENTART.	41730
	K	3-1150	ATOME	52027			8-1743	FLUESSIGK.	58525	KOBZAREVA	SA	1-1864	KRIST.FEHL.	4
		10-1412	ATOME	52027			11-1882	FLUESSIGK.	58520			3-1613	KRISTALLE	6
KLUGMANN	E	1-2136	MAGN.EIG.FK	69045	KNOP	A	11-1533	MOLEKUELE	52528	KOBZEY	GA	1-1415	ATOME	5
KLUGOW	J	7- 991	STARKE WW.	41775			11-1572	MOLEKUELE	52570	KOC	S	12-2252	KRIST.FEHL.	6
KLUITENBERG	GA	3- 383	THERMODYN.	24552			12- 900	BESCHLEUNIG	41040	KOCEVAR	P	7-2335	HALBLEITER	7
		11- 354	THERMODYN.	24550			11-1533	MOLEKUELE	52528			9-1011	KERNREAKTIO	4
KLUIVER DE H		10-1753	PLASMA	57279			K 11-2272	DIELEKTRIKA	68020	KOCH	B	7- 360	AKUSTIK	2
KLUYVER	JC	11- 888	STARKE WW.	41764			O 12-1675	KRISTALLE	65572			CC 6-2378	SUPRALEITG.	7
KLYANA	F	1-1960	GITTERDYN.	67010			12-2199	KRISTALLE	65584			E 9- 447	ELEKTRODYN.	2
KLYAVA	YG	10-2492	HALBLEITER	71566			R 4- 883	ELEMENTART.	41546			F 12-3414	PLANETEN	9
KLYAVIN	OV	8-1967	KRIST.FEHL.	66035			6- 691	ELEMENTART.	41546			FB 12-2573	MAGN.EIG.FK	61
		10-2116	MECH.EIG.FK	66550	KNOPF	K	6-1039	KERNREAKTIO	43040			H 3- 811	STARKE WW.	4
		12-2363	MECH.EIG.FK	66550			6-1048	KERNREAKTIO	43044			4- 12	BIOGRAPHIEN	1
KLYM	NM	1-1735	FLUESSIGK.	58520	KNOPFF	L	7-2691	ERDKOERPER	90240			5-1008	KERNSTRUKT.	4
KLYSHKO	DM	5- 682	PHYS.OPTIK	29040			8-2718	ERDKOERPER	90240			6- 916	KERNSEKTR.	4
KLYUCHAREV	AN	4-1402	ATOME	52060	KNOPP	AM	12-3344	IONOSPHERE	91045			7- 824	BESCHLEUNIG	4
	AP	9- 661	KERN-MESSG.	40532			CF 3- 103	VAKUUM	13030			10-1401	ATOME	5
	VA	9- 986	KERNSEKTR.	42565	KNOPS	HJF	7- 233	STATISTIK	17530			10-1402	ATOME	5
KLYUEV	VP	2-2453	OPT.EIG.FK	73605			12- 299	STATISTIK	17520			HW 11- 2	ALLGEMEINES	1
		10-2630	FK-SPEKTREN	73355			RJ 10- 353	ELASTIZIT.	22520			J 3-1794	KRIST.FEHL.	4
		11-2223	GITTERDYN.	67060	KNOR	Z	7-2673	GRENZFL.FK	74573			4-1077	KERNSEKTR.	4
KLYUSHIN	VV	9-2141	MAGN.EIG.FK	69060	KNORN	M	10-2807	GRENZFL.FK	74530			11-2104	KRIST.FEHL.	6
		11-2492	MAGN.EIG.FK	69060	KNOSP	R	6- 323	ELEKTIZIT.	26010			JF 5-2393	SUPRALEITG.	7
KMITA	TG	1-2383	HALBLEITER	71570	KNOTH	J	9-1152	KERNSTRHLG.	44020			8-2338	SUPRALEITG.	7
		1-2416	HALBLEITER	71570	KNOTHE	M	6-2509	FK-SPEKTREN	73320			8-2495	FK-SPEKTREN	7
KNAAP	HFP	1- 434	THERMODYN.	24510	KNOTT	TF	7-1803	KRISTALLE	65540			2-2299	METAL.LEITG	7
		2-1504	GASE	58025			12-1255	KERNSEKTR.	42560			KM 12-2674	THERMEIG.FK	61
		3-1510	GASE	58025	KNOX	CF	2-1376	PLASMA	57055			OG 5-1695	GASE	5
		3-1522	GASE	58050			11-1398	ATOME	52010			S 7- 774	KERN-MESSG.	4
		9-1709	FLUESSIGK.	58573	KNUBLAUCH	E	9- 269	ELASTIZIT.	22510			W 1-1524	POLYMERE	5
		10-1800	GASE	58095	KNUDSEN	E	7-2806	MAGNETOSPH.	91226			5- 498	TEILCH.OPT.	2
		10-1802	GASE	58095			8-2786	LUFTHUELLE	93880			5- 499	TEILCH.OPT.	2
		10-1853	FLUESSIGK.	58550			4-1871	FK-SPEKTREN	73310	KOCHANSKI	E	1-1380	MOLEKUELE	5
		12-1934	GASE	58060			WC 7-2782	IONOSPHERE	91020	KOCHAROV	GE	3-2863	ASTROPHYSIK	9
KNABLE	K	9-1308	MOLEKUELE	52536			10-2918	IONOSPHERE	91020			12-3465	KOSH.PHYSIK	9
KNACKE	RF	6-2949	KOSH.PHYSIK	94520			12-3316	LUFTHUELLE	90815	KOCHEGUROV	VA	2- 685	BESCHLEUNIG	4
KNAPFLICH	BC	10-2890	LUFTHUELLE	90840	KNUETEL	J	2- 562	OPT.INSTRUM	28586			2- 686	BESCHLEUNIG	4
KNAPP	H	3- 785	BESCHLEUNIG	41030			3- 637	PHYS.OPTIK	29060	KQCHELAEV	BI	10-2628	FK-SPEKTREN	7
	DO	10- 623	OPT.INSTRUM	28513	KNUTH	EL	4-1426	ATOME	52085			12-3001	FK-SPEKTREN	7
	EA	5- 785	BESCHLEUNIG	41030	KNUTSEN	KJ	3- 10	BIOGRAPHIEN	10218			12-3084	FK-SPEKTREN	7
	GS	3-2251	METAL.LEITG	71000			6- 7	BIOGRAPHIEN	10215	KOCHEMASOVA	LM	6- 631	BESCHLEUNIG	4
		7-2248	LEITFHGK.FK	70074			12- 25	BIOGRAPHIEN	10218			11- 654	BESCHLEUNIG	4
KNAPPETT	O	11-1905	FLUESSIGK.	58530	KNYAZEV	DA	2-1228	MOLEKUELE	52510	KOCHEN	S	6- 104	QUANTENTHEO	1
KNAPPWOST	A	3-1609	KRISTALLE	65510			3- 702	KERN-MESSG.	40580	KOCHENOV	AS	2-1105	K-REAKTOREN	4
		4-2085	FK-SPEKTREN	73370			1-1710	GASENTLADG.	57860	KOCHER	CA	5- 602	OPT.INSTRUM	21
		4-2137	MAGN.EIG.FK	69010			2-1497	GASENTLADG.	57860			J 9-1818	KRISTALLE	61
		9-2130	MAGN.EIG.FK	69050	KNYAZEVA	NA	11-1510	MOLEKUELE	52514	KOCHERBAEV	TK	10-2211	DIELEKTRIKA	61
		9-2508	FK-SPEKTREN	73370	KNYUPFER	AP	9- 472	HF-TECHNIK	27540			11-2718	HALBLEITER	7
KNASEL	TM	12- 953	ELEMENTART.	41563	KO	HC	4-2863	KOSH.PHYSIK	94520	KOCHERGINA	NN	12-1983	FLUESSIGK.	5
KNAUER	W	5-1896	FK-SPEKTREN	73310			6- 237	ELASTIZIT.	22530	KOCHETKOV	OA	1-2868	STRAHL.BIOL	9
KNECHT	DJ	8-1057	KERNSTRUKT.	42010	KOBATAKE	YL	12-2005	FLUESSIGK.	58546	KOCHI	M	7- 644	OPT.INSTRUM	21
	W	3- 35	BUECHER	71000	KOBAYAKAWA	H	5- 842	ELEMENTART.	41574	KOCHINA	NN	6-1696	FLUESSIGK.	5
KNELLER	E	11-3115	DUENNE SCHI	74050			10-1268	KERNREAKTIO	43054	KOCHKIN	AP	9-2166	LEITFHGK.FK	7
KNERR	RM	11- 410	HF-TECHNIK	27530	KOBAYASHI	H	12-2580	MAGN.EIG.FK	69060			5- 901	STARKE WW.	4
KNESCHKE	A	3- 353	WAERME	24050			2-1972	DIELEKTRIKA	68030	KOCHNOV	VT	7-2720	KOSH-STRIG.	9
KNESL	Z	6-1930	KRIST.FEHL.	66035			4-1892	KRISTALLE	65586	KOCHOWSKI	C	3- 854	STARKE WW.	4
		7-1906	KRIST.FEHL.	66035			4-1893	KRISTALLE	65586			10-1004	STARKE WW.	4
KNESTRICK	BL	2-2757	LUFTHUELLE	90860			3-2387	HALBLEITER	71520			11- 797	STARKE WW.	4
		7-1782	FLUESSIGK.	58576			5-2543	PHOTOLEITG.	72510	KOCHSIEK	M	10-2802	GRENZFL.FK	71
		9-2767	LUFTHUELLE	90850			6-2152	DIELEKTRIKA	68030	KOCHUBEI	SM	6-2690	DUENNE SCHI	71
KNEUBUEHL	FK	2- 490	MASER,LASER	28055			6-2216	FK-SPEKTREN	73365	KOCIAN	P	2-1482	GASENTLADG.	5
		3- 518	MASER,LASER	28055			6-2312	LEITFHGK.FK	70028			5-1683	GASENTLADG.	5
		9-2155	MAGN.EIG.FK	69065			8- 225	QUANTENTHEO	16575	KOCINSKI	J	2-1928	THERMEIG.FK	61
KNEUBUHL	FK	5- 574	MASER,LASER	28055			8-1260	K-REAKTOREN	43515			3-2119	MAGN.EIG.FK	61
KNEZEVIC	GM	12-2216	KRISTALLE	65588			9-1121	K-REAKTOREN	43515			5-1217	KERNSTRHLG.	4
KNIBBE	H	4-1460	MOLEKUELE	52516			1-2392	HALBLEITER	71563			10-2265	MAGN.EIG.FK	61
		4-1537	MOLEKUELE	52570			8- 524	TEILCH.OPT.	27016	KOCK	WE	2- 552	OPT.INSTRUM	25
		4-1538	MOLEKUELE	52585			10- 557	MASER,LASER	2					

KOEHL - KOMBERG

G	12-2884 FK-SPEKTREN	73325	KOEHL	I	4- 300 STATISTIK	17535	KOLLAR	A	9- 434 ELEKTRIZIT.	26050	
B	9-1122 K-REAKTOREN	43520	KOEHL	D	8-1106 KERNSPEKTR.	42540		G	4- 492 THERMODYN.	24533	
DR	5- 42 UNTERRICHT	12020		11-1047 KERNSPEKTR.	42540		KOLLER	A	2-2095 MAGN.EIG.FK	69035	
	6-1177 ATOME	52022		F	8-1728 FLUESSIGK.	58520			8-2158 MAGN.EIG.FK	69020	
H	3-2366 HALBLEITER	71560		RH	10- 281 STATISTIK	17560		K	11-2394 MAGN.EIG.FK	69035	
	9- 555 OPT.INSTRUM	28520		12- 297 STATISTIK	17500				7- 142 QUANTENTHEO	16516	
	9- 560 OPT.INSTRUM	28530	KOHLHAAS	R	2-1694 KRISTALLE	65582			10- 160 QUANTENTHEO	16516	
HA	8-1856 KRISTALLE	65545			2-2155 MAGN.EIG.FK	69065	KOLLEY	W	9-1441 PLASMA	57026	
HS	8-1109 KERNSPEKTR.	42540			3-2175 MAGN.EIG.FK	69075		TO	5-2109 THERMIEG.FK	67510	
	11- 965 KERNSTRUKT.	42030			8-2356 METAL.LEITG	71010	KOLLIE		1- 319 ELASTIZIT.	22530	
	11-1029 KERNSPEKTR.	42540			9-1987 THERMIEG.FK	67510	KOLLMANN	FG	9-1066 KERNREAKTIO	43070	
JS	5-1942 KRIST.FEHL.	66015			9-2005 THERMIEG.FK	67520	KOLLTVEIT	K	11-1317 KERNREAKTIO	43070	
	6-1877 KRIST.FEHL.	66015			9-2129 MAGN.EIG.FK	69050		RV	1-2509 FK-SPEKTREN	73340	
	8-1990 KRIST.FEHL.	66065		W	9- 553 OPT.INSTRUM	28516	KOLLURI		10- 224 QUANTENTHEO	16580	
M	1-2015 DIELEKTRIKA	68020	KOHLI	JM	4- 952 STARKE WW.	41735	KOLMAKOV	IB	10-2915 LUFTHUELLE	90890	
	6-2070 GITTERDYN.	67000			10- 902 STARKE WW.	41725	KOLMAKOVA	NP	11-2335 MAGN.EIG.FK	69020	
PFM	1- 873 STARKE WW.	41740			11- 791 STARKE WW.	41725	KOLNER	LB	1-2573 OPT.EIG.FK	73645	
	9- 907 STARKE WW.	41740	KOHLMANN	L	1-1035 KERNSPEKTR.	42520	KOLOBKOV	VP	10-2583 FK-SPEKTREN	73325	
TR	1-1948 GITTERDYN.	67010			4-1082 KERNSPEKTR.	42520			11-3017 OPT.EIG.FK	73625	
	9-1955 GITTERDYN.	67010	KOHLSTEDT	DL	10-2510 THERMOELEKT	72010			12- 614 MASER,LASER	28045	
	9-1965 GITTERDYN.	67040	KOHN	H	12- 594 MASER,LASER	28040	KOLODNY	GY	6-2586 OPT.EIG.FK	73635	
W	6-1039 KERNREAKTIO	43040		J	7-1841 KRISTALLE	65584	KOLODNYI	GY	3-2596 OPT.EIG.FK	73630	
	6-1047 KERNREAKTIO	43044		KA	9-2504 FK-SPEKTREN	73360			5-2580 FK-SPEKTREN	73325	
	6-1048 KERNREAKTIO	43044		RL	1- 560 MASER,LASER	28045			8-2604 OPT.EIG.FK	73630	
WC	1-2143 MAGN.EIG.FK	69060		W	2-2224 LEITFHGK.FK	70053	KOLODZIEJ	H	12-2466 DIELEKTRIKA	68020	
	11-2299 MAGN.EIG.FK	69010			4-2238 LEITFHGK.FK	70050	KOLODZIEJCZAK	J.			
	11-2477 MAGN.EIG.FK	69060			6-2486 LEITFHGK.FK	70053			6-2516 FK-SPEKTREN	73325	
ING	A	7- 87 LABORTECHN.	12580	KOHNKE	EE	12-2768 HALBLEITER	71530			7-2313 HALBLEITER	71520
		8- 137 LABORTECHN.	12580	KOHO	H	3- 661 KERN-MESSG.	40503			7-2511 FK-SPEKTREN	73380
LEIN	D	11- 357 ELEKTRIZIT.	26010		T	6- 485 OPT.INSTRUM	28545			7-2526 OPT.EIG.FK	73605
IG	WS	5-2050 MECH.EIG.FK	66556	KOHOUT	FC	3- 388 THERMODYN.	24554			9-2267 HALBLEITER	71520
		1-2077 FK-SPEKTREN	73355	KOHRA	K	7-1832 PHYS.OPTIK	29035	KOLOMEETS	EV	3-2765 KOSH.STRLG.	90633
		8- 802 KERN-MESSG.	40582			7-1831 KRISTALLE	65572	KOLOMENSKAYA	T.I.		
JW	12-1226 KERNSPEKTR.	42545			9-1793 KRISTALLE	65572			3-1851 KRIST.FEHL.	66076	
ERINK	J	4- 709 PHYS.OPTIK	29015	KOIDE	M	3- 79 LABORTECHN.	12570			5-2000 KRIST.FEHL.	66065
IG	E	4-1859 KRISTALLE	65545		S	5-1886 KRISTALLE	65545	KOLOMENSII	AA	12-1865 PLASMA	57235
		4-1870 FK-SPEKTREN	73310			9-1754 KRISTALLE	65518	KOLOMENSII	AA	4- 852 BESCHLEUNIG	41040
		11-2866 FK-SPEKTREN	73330			12-3177 DUENNE SCHI	74010	KOLOMIEC	BT	8-2428 HALBLEITER	71595
JH	SH	12-2561 MAGN.EIG.FK	69045	KOIKE	Y	1- 167 QUANTENTHEO	16533	KOLOMIETS	AR	2-2781 IONOSPHERE	91040
		8-2264 LEITFHGK.FK	70024		M	2-1059 KERNREAKTIO	43056		BT	2-2329 HALBLEITER	71530
V		6- 626 BESCHLEUNIG	41010		R	10-1269 KERNREAKTIO	43056			2-2615 DUENNE SCHI	74040
		6-1541 PLASMA	57235			1-2612 DUENNE SCHI	74030			3-2213 LEITFHGK.FK	70038
		11-1446 ATOME	52065		S	9-2645 DUENNE SCHI	74040			4-2237 LEITFHGK.FK	70028
GSBUCH	M	6- 318 THERMODYN.	24554	KOIKOV	SN	12-2762 HALBLEITER	71520			6-2662 DUENNE SCHI	74040
	U	1-1027 KERNSPEKTR.	42515			2-1967 DIELEKTRIKA	68020			10-1983 KRISTALLE	65582
		11-1061 KERNSPEKTR.	42545	KOIRTYOHANN	SR	12-2482 DIELEKTRIKA	68020			11-2879 FK-SPEKTREN	73320
	G	2- 777 STARKE WW.	41720	KOIZUMI	H	8-1657 PLASMA	57093		LD	2-2595 DUENNE SCHI	74020
PE	W	9-2343 THERMOELEKT	72030	KOJIMA	H	2-2604 DUENNE SCHI	74030	KOLOMIITSEV	OP	2-2770 IONOSPHERE	91020
		12- 51 TAGUNGEN	10530			3-2547 OPT.EIG.FK	73610	KOLOMIITSOVA	T.D.		
PENDOERFER	W.W.				K	5- 653 OPT.INSTRUM	28595			6- 60 LABORTECHN.	12530
		3-1168 PLASMA	57010			6-1395 POLYMER	53544	KOLOMIITSEV	OP	4-2752 IONOSPHERE	91020
NER	H	9- 387 WAERME	24060		S	11-2843 FK-SPEKTREN	73320		GI	4-2676 GEOMAGNET.	90430
	HJ	4-1133 KERNSPEKTR.	42565			2-1318 MOLEKUELE	52553	KOLOMOETS	NV	10-2374 LEITFHGK.FK	70028
		4-1148 KERNSPEKTR.	42570			2-1405 PLASMA	57085			11-3005 OPT.EIG.FK	73605
		9- 990 KERNSPEKTR.	42570			2-1407 PLASMA	57085			12-2430 THERMIEG.FK	67520
NYEI	I	10-1412 ATOME	52027			2-1408 PLASMA	57093	KOLONTSOV	VY	12-2212 KRISTALLE	65588
TS	LAC	7-1201 KERNREAKTIO	43060		T	6-1511 PLASMA	57085	KOLONTSOVA	EV	6-1993 KRIST.FEHL.	66065
TER	CJ	8- 734 PHYS.OPTIK	29060			2-2558 OPT.EIG.FK	73635	KOLOS	W	3-1123 ATOME	52010
	E	12-2365 MECH.EIG.FK	66553			11-2843 FK-SPEKTREN	73320			8-1385 MOLEKUELE	52512
TER JR.	LJ	3- 742 ELEMENTART.	41546	KOK	LP	3- 873 STARKE WW.	41790	KOLOSKOVA	NO	9-1040 KERNREAKTIO	43052
TER PFLUGMACHER	A.					8-1052 STARKE WW.	41790	KOLOSNITSIN	NI	1-1575 PLASMA	57045
		9-1576 GASENTLADG.	57810			11- 928 STARKE WW.	41790	KOLOSNITSIN	NI	1-1597 PLASMA	57050
TLIN	H	1-2547 OPT.EIG.FK	73620	KOKAME	J	12-1144 KERNSTRUKT.	42010	KOLOSOV	MA	7- 493 HF-TECHNIK	27520
ME	A	2-1843 MECH.EIG.FK	66545			3- 687 KERN-MESSG.	40532	KOLOTVI	VV	11-1141 KERNSPEKTR.	42565
ITZ	G	7-2568 OPT.EIG.FK	73655			10-1269 KERNREAKTIO	43056			11-1234 KERNREAKTIO	43048
		10-2562 FK-SPEKTREN	73325			11-1328 KERNREAKTIO	43080			11-1235 KERNREAKTIO	43048
KE	D	11- 821 STARKE WW.	41735	KOKHANENKO	VV	8-1565 GASENTLADG.	57840	KOLPAKOV	AV	10-2551 FK-SPEKTREN	73315
		11-1025 KERNSPEKTR.	42535			10-1073 GASENTLADG.	57860		YD	9- 614 PHYS.OPTIK	29045
Z	U	5- 836 ELEMENTART.	41574	KOKKEDEE	JJJ	2- 805 STARKE WW.	41740	KOLPAKOVA	IV	5- 586 MASER,LASER	28055
		6- 721 ELEMENTART.	41574			3- 773 STARKE WW.	41700	KOLPIN	MA	3-1585 FLUESSIGK.	58555
		8- 904 ELEMENTART.	41574			10- 972 STARKE WW.	41760	KOLSKY	H	5-2031 MECH.EIG.FK	66516
E	P	6-1898 KRIST.FEHL.	66025	KOKORINA	VF	10-2184 THERMIEG.FK	67520			11- 266 ELASTIZIT.	22530
ER	R	6- 840 STARKE WW.	41773	KOKOSHKIN	VA	11-2557 LEITFHGK.FK	70035	KOLSRUD	M	6- 95 QUANTENTHEO	16516
		12-1126 STARKE WW.	41775	KOKOTT	W	11-3388 PLANETEN	93655			6- 347 ELEKTRODYN.	26520
ED HANSEN	O.	7- 906 STARKE WW.	41725	KOKTA	L	5- 733 KERN-MESSG.	40518			8- 209 QUANTENTHEO	16556
				KOKUBUN	K	4-2555 DUENNE SCHI	74010	KOLTUN	DS	4-1056 KERNSTRUKT.	42070
		9-1557 PLASMA	57253	KOLACHEVSKII	N.M.					6- 778 STARKE WW.	41735
TTAD	F	7-1874 KRIST.FEHL.	66015			6-2484 HALBLEITER	71590			11- 819 STARKE WW.	41735
		9- 577 OPT.INSTRUM	28553			6-2485 HALBLEITER	71590			12-2855 FK-SPEKTREN	73310
	Y	4-1403 ATOME	52065	KOLALIS	RP	11-3203 GRENZFL.FK	74570	KOLYBASOV	VM	4-1188 KERNREAKTIO	43012
AN	AV	9-1743 KRISTALLE	65510	KOLAR	J	12-1230 KERNSPEKTR.	42545			12-1037 STARKE WW.	41735
		1-1816 KRISTALLE	65540			5- 411 WAERME	24070	KOLYCHEV	BS	8-1273 K-REAKTOREN	43560
		1-1873 KRIST.FEHL.	66025	KOLATA	JJ	6- 917 KERNSPEKTR.	42540	KOLYCHENKOVA	V.V.		
		10-1170 KERNSPEKTR.	42575	KOLB.	AC	5-1667 PLASMA	57273			2-1119 K-REAKTOREN	43540
EY		6-1472 PLASMA	57055			8- 598 MASER,LASER	28055		A	1-2392 HALBLEITER	71563
GA		12-1635 MOLEKUELE	52538		AK	2- 352 THERMODYN.	24530	KOMA		2-2046 FK-SPEKTREN	73355
LI		8-2109 THERMIEG.FK	67550		ED	11-1962 KRISTALLE	65510	KOMAKI	KI	6-2332 LEITFHGK.FK	70056
LM		12- 617 MASER,LASER	28050			12-2905 FK-SPEKTREN	73330	KOMAR	A	8- 276 QU.FELDTHEO	17050
RM		3-2814 LUFTHUELLE	90890		H	12-3076 FK-SPEKTREN	73370		AP	1-1186 KERNREAKTIO	43024
SM		1-2363 HALBLEITER	71540		W	5- 609 KERN-MESSG.	40580			1-1187 KERNREAKTIO	43024
		6-2314 LEITFHGK.FK	70035	KOLBENSTVEDT	H	5-1307 ATOME	52070			6- 499 OPT.INSTRUM	28570
		10-2484 HALBLEITER	71540			6-1237 PLASMA	57235			6- 500 OPT.INSTRUM	28570
		12-2779 HALBLEITER	71530	KOLCHENKO	AP	10-1433 ATOME	52060			7-1280 KERNSTRHLG.	44033
SY		3-2709 ERDKOERPER	90240	KOLDOBSKAYA	MF	3-2017 DIELEKTRIKA	68030			9- 668 KERN-MESSG.	40550
VI		1-1643 PLASMA	57090			7-2541 OPT.EIG.FK	73610			11- 609 KERN-MESSG.	40555
		7-1320 ATOME	52040	KOLEGANOV	YF	1-1312 KERNSTRHLG.	44010			11-1203 KERNREAKTIO	43024
VS		10-1984 KRISTALLE	65582	KOLESNIK	IG	8-2947 STERNE	94050	KOMAREK	P	6- 614 KERN-MESSG.	40582
ANEI	M	4-1642 PLASMA	57055	KOLESLNIK	LY	8- 820 BESCHLEUNIG	41020	KOMAROV	GV	11-2781 THERMOELEKT	72010
AWA	M	9-2243 SUPRALEITG.	70550		NV	1-1823 KRISTALLE	65545		VA	5-1166 KERNREAKTIO	43066
ELNIK	H	9- 581 OPT.INSTRUM	28570		PM	1- 498 ELEKTRODYN.	26595			11-1080 KERNREAKTIO	42550
ELSCHATZ	U	8-1604 PLASMA	57050		VN	12-2099 KRISTALLE	65510			11-1313 KERNREAKTIO	43066
ISO	M	8-1892 KRISTALLE	65574		VV	1-2446 FK-SPEKTREN	73315		VI	1- 739 KERN-MESSG.	40550
		11-2016 KRISTALLE	65570	KOLESOV	SN	1-1498 MOLEKUELE	52540	KOMAROVSKAYA	N.V.		
IN	B	2-1220 ATOME	52085		VE	1-2033 POLYMER	53544			6-1406 PLASMA	57010
ANE	T	10-2635 FK-SPEKTREN	73360		VI	5-1134 KERNREAKTIO	43040	KOMAROVSKIKH	K.V.		
IN	RP	8-2006 KRIST.FEHL.	66073	KOLESOVA	KV	4-2677 GEOMAGNET.	90430			7-2361 HALBLEITER	71570
YAMA	K	10- 557 MASER,LASER	28035	KOLEZHUK	G	12-2807 FLUESSIGK.	58546	KOMASHCHENKO	V.N.		
L	DA	6-1348 MOLEKUELE	52580	KOLF		5-1785 FLUESSIGK.	58546			5-2539 PHOTOLEITG.	72510
		11-3293 LUFTHUELLE	90880	KOLGANOV	VZ	6- 597 KERN-MESSG.	40555	KOMATSU	T	4-2458 FK-SPEKTREN	73330
	FJ	7-1473 MOLEKUELE	52580	KOLGANOVA	ED	4-1016 STARKE WW.	41773			9- 478 HF-TECHNIK	27560
	G	4-2737 LUFTHUELLE									

KOMESAROFF - KORNILOV

KOMESAROFF	MM	9-2994	KOSM.PHYSIK	94560	KONISHI	T	11- 917	STARKE WW.	41783	KOPECKY	V	1-1618	PLASMA	5
		10-3101	KOSM.PHYSIK	94550		Y	10- 536	HF-TECHNIK	27540	KOPELIOVICH	AI	7-2203	LEITFHGK.FK	7
KOMETANI	TY	10-2625	FK-SPEKTREN	73355	KONISI	G	1- 210	QU.FELDTHEO	17010			10-2449	METAL.LEITG	7
KOMHYR	WD	1- 81	LABORTECHN.	12560			2- 139	QUANTENTHEO	16582	KOPELMAN	JB	5- 869	STARKE WW.	4
KOMIN	AV	8-1654	PLASMA	57090			2- 158	QU.FELDTHEO	17010			6- 815	STARKE WW.	4
		10-1722	PLASMA	57093	KONIUKHOV	VK	3-2487	FK-SPEKTREN	73380		H	5-2361	LEITFHGK.FK	7
KOMISSAROV	GD	3-2882	PLANETEN	93640	KONJEVIC	N	1-1661	PLASMA	57206			7-1817	KRISTALLE	6
BA		10-2544	FK-SPEKTREN	73310			4-1596	PLASMA	57023			8-2486	FK-SPEKTREN	7
KOMIYA	H	1-2504	FK-SPEKTREN	73330			5- 109	VAKUUM	13025			11-2568	LEITFHGK.FK	7
		3-2510	FK-SPEKTREN	73325	KONKOV	VL	7- 229	STATISTIK	17523	KOPF	L	1-2590	DUENNE SCHI	7
		8-2479	FK-SPEKTREN	73325			7-2333	HALBLEITER	17530	KOPFMANN	G	11-2023	KRISTALLE	6
		10-2585	FK-SPEKTREN	73325			10-2781	DUENNE SCHI	74040	KOPP	I	2-1254	MOLEKUELE	5
		11-3042	OPT.EIG.FK	73645			11-2677	HALBLEITER	71520			2-1255	MOLEKUELE	5
		3-2621	DUENNE SCHI	74010	KONKS	VA	10-1239	KERNREAKTIO	43046			2-1280	MOLEKUELE	5
KOMLYAGINA	NN	6- 849	STARKE WW.	41780	KONNO	A	8-1506	POLYMERE	53525			7-1409	MOLEKUELE	5
KOMLYAKOVA	NS	8-2010	KRIST.FEHL.	66073		K	1- 936	STARKE WW.	41760			7-1416	MOLEKUELE	5
KOMMANDEUR	J	5-2280	MAGN.EIG.FK	69060			5- 930	STARKE WW.	41750		J	9-1654	FLUESSIGK.	5
		5-2281	MAGN.EIG.FK	69060			8-1022	STARKE WW.	41760			11- 352	FLUESSIGK.	5
		5-2282	MAGN.EIG.FK	69060			12-1096	STARKE WW.	41760			2-2653	GRENZFL.FK	7
		6-2452	HALBLEITER	71563	KONO	M	9-2342	THERMOELEKT	72010	KOPPE	H	12-2713	SUPRALEITG.	7
KOMNIK	SN	4-1841	KRISTALLE	65510		S	2- 979	KERNSPEKTR.	42560		VT	12-1668	MOLEKUELE	5
	YF	7-2605	DUENNE SCHI	74040	KONOBEEV	YV	1-2196	LEITFHGK.FK	70045	KOPPELMANN	G	2-1959	DUENNE SCHI	7
		8-2654	DUENNE SCHI	74040	KONONENKO	KI	4-2197	MAGN.EIG.FK	69065	KOPPEN	J	3-2150	MAGN.EIG.FK	6
KOMOCHKOV	HM	9-3031	STRAHL.BIOL	97020		LI	5-2677	OPT.EIG.FK	73625	KOPPENAAI	TJ	2-1803	KRIST.FEHL.	6
KOMODA	T	9- 587	OPT.INSTRUM	28570	KONONOV	EY	2-1158	ATOME	52024	KOPTSIK	VA	2- 479	MASER,LASER	2
		9-2633	DUENNE SCHI	74020			9-2862	SONNENPHYS.	93328			2-1980	DIELEKTRIKA	6
KOMOSONOV	NV	10-2782	DUENNE SCHI	74040			12-1505	ATOME	52024			5-2099	GITTERDYN.	6
KOMOTO	T	3-2151	MAGN.EIG.FK	69060	KONONOVA	SV	6- 408	MASER,LASER	28045			6-2559	FK-SPEKTREN	7
KOMPA	KL	5- 577	MASER,LASER	28055	KONOPKA	B	12-1613	MOLEKUELE	52528			8-2597	OPT.EIG.FK	7
KOMPANEETS	AS	7- 200	QU.FELDTHEO	17020		J	5-2480	HALBLEITER	71540			11- 9	BIOGRAPHIEN	1
KOMPANETS	IM	6- 422	MASER,LASER	28050			6-2198	FK-SPEKTREN	73355			12-2148	KRISTALLE	6
KOMPANEETS	AS	10-1486	ATOME	52075			12-2519	MAGN.EIG.FK	69010	KOPVILLEM	UK	1-1971	GITTERDYN.	6
KOMPANIETS	VB	9- 143	QUANTENTHEO	16530		R	11-1939	FLUESSIGK.	58562			5- 261	FELDTHEORIE	1
KOMURA	S	2-2134	MAGN.EIG.FK	69050	KONOROV	PP	8-2671	GRENZFL.FK	74520			5-2251	MAGN.EIG.FK	6
	Y	3-1718	KRISTALLE	65588		EA	3-2382	HALBLEITER	71566			6-2095	GITTERDYN.	6
		7- 665	OPT.INSTRUM	28586	KONOVALENKO	BH	1-2651	GRENZFL.FK	74540			8- 419	AKUSTIK	2
KOMY	SR	12- 984	STARKE WW.	41700			2-2391	HALBLEITER	71566			10-2630	FK-SPEKTREN	7
KOMYAK	AI	5-2655	OPT.EIG.FK	73640			9-1899	KRIST.FEHL.	66076			10-2650	FK-SPEKTREN	7
		6-1765	FLUESSIGK.	58576	KONOVALOV	BS	12- 838	KERN-MESSG.	40555			11-2223	GITTERDYN.	6
		12-2922	FK-SPEKTREN	73330		ND	11-3177	GRENZFL.FK	74535			12- 359	FELDTHEORIE	1
KON	S	2- 499	MASER,LASER	28055		VG	12-1858	PLASMA	57210	KOPYLOV	YK	8- 315	STATISTIK	1
		3- 543	MASER,LASER	28055		YI	1-2069	FK-SPEKTREN	73355		BI	2- 559	OPT.INSTRUM	2
		11- 481	MASER,LASER	28055	KONOZENKO	ID	4-2404	PHOTOLEITG.	72510			5- 963	STARKE WW.	4
		11-1781	PLASMA	57206			7-1967	KRIST.FEHL.	66076			7-2463	FK-SPEKTREN	7
		12- 644	MASER,LASER	28055			10-2076	KRIST.FEHL.	66076		VA	10-1877	FLUESSIGK.	5
KONAKA	S	2-1214	ATOME	52070	KONRAD	K	11-2098	KRIST.FEHL.	66030			10-2511	PHOTOLEITG.	7
KONDAIAH	E	7-1170	KERNREAKTIO	43040		M	12- 817	KERN-MESSG.	40530			11-1942	FLUESSIGK.	5
		9-1022	KERNREAKTIO	43044	KONRADI	A	12-3375	MAGNETOSPH.	91230			11-1945	FLUESSIGK.	5
KONDAKOV	VG	10-2114	MECH.EIG.FK	66545	KONSHIM	VA	4-1238	KERNREAKTIO	43052	KOPYLOVSKII	BD	5-1789	FLUESSIGK.	5
KONDALEV	AI	10- 681	PHYS.OPTIK	29010			9-1038	KERNREAKTIO	43050			10-2596	FK-SPEKTREN	7
KONDILENKO	II	6-1762	FLUESSIGK.	58573	KONSLIN	P	2-1974	DIELEKTRIKA	68030	KOPYTIM	IV	1-1031	KERNSPEKTR.	4
		7-1380	MOLEKUELE	52510	KONSTANTINAVICHUS	K.V.						10-1056	KERNSPEKTR.	4
		9-1319	MOLEKUELE	52540			2-1342	MOLEKUELE	52585	KORABLEV	LV	7-1548	PLASMA	5
		10-1555	MOLEKUELE	52540			2-1343	MOLEKUELE	52585			11-1730	PLASMA	5
KONDO	H	9- 929	STARKE WW.	41750	KONSTANTINOV	A.A.				KORASIK	AM	4-2679	GEOMAGNET.	9
		6-2667	DUENNE SCHI	74040			11-1140	KERNSPEKTR.	42565	KORBEL	Z	5- 914	STARKE WW.	4
	J	4-2225	LEITFHGK.FK	70024		BP	2-2846	PLANETEN	93630			5- 915	STARKE WW.	4
		5-2232	MAGN.EIG.FK	69025			11-3276	LUFTHUELLE	90820	KORBETSKII	EV	8-1188	KERNREAKTIO	4
		12-2682	LEITFHGK.FK	70074			12-3465	KOSM.PHYSIK	94530	KORCHAGIN	AI	1-2641	GRENZFL.FK	7
	K	11-1476	ATOME	52075		IE	12- 826	KERN-MESSG.	40538	KORCHAGINA	AI	6-2147	DIELEKTRIKA	6
	M	8-1267	K-REAKTOREN	43520		IO	4-1118	KERNSPEKTR.	42555	KORCHAK	AA	4-2824	SONNENPHYS.	9
		11- 372	ELEKTRIZIT.	26060		OV	7-1481	MOLEKUELE	52585	KORCHAZHKIN	VV	11-2258	THERMEIG.FK	6
	T	3- 699	KERN-MESSG.	40570			7-2356	HALBLEITER	71566	KORCHEVOI	YP	11-1657	PLASMA	5
	Y	9-2911	STERNE	94000			8-2294	LEITFHGK.FK	70056	KORCHEVOY	YP	4-1587	PLASMA	5
		11- 545	PHYS.OPTIK	29045			9-2194	LEITFHGK.FK	70056	KORDA	VS	3-1061	KERNREAKTIO	4
KONDOH	H	6-2271	MAGN.EIG.FK	69050		VA	4-2718	KOSM.STRLG.	90660			6-1071	KERNREAKTIO	4
KONDORSKY	EI	12-3107	OPT.EIG.FK	73610	KONSTANTINOVA	E.						10-1103	KERNSPEKTR.	4
KONDOW	T	5-2598	FK-SPEKTREN	73330		VP	10-2525	PHOTOLEITG.	72510	KORDOS	P	4-1929	KRIST.FEHL.	6
KONDRASHEV	AI	8-2703	GRENZFL.FK	74560			9-2059	DIELEKTRIKA	68030	KORDUKEVICH	VO	3- 983	KERNSPEKTR.	4
KONDRASHKOVA	G.A.						10-2217	DIELEKTRIKA	68030	KORDYUK	SL	7-1787	DISP.SYST.	5
		1- 62	MESSEN	12230	KONTANI	M	3-2052	FK-SPEKTREN	73370	KOREEDA	A	11-2113	KRIST.FEHL.	6
KONDRASHOV	VD	4- 821	KERN-MESSG.	40560			12-3079	FK-SPEKTREN	73370	KOREKAWA	M	7-2589	DUENNE SCHI	74
YA		6- 532	PHYS.OPTIK	29066	KONTOROVA	TA	5-2012	MECH.EIG.FK	66545	KOREN	JF	9-2615	OPT.EIG.FK	73
KONDRASOVA	ZS	12-1435	K-REAKTOREN	43540	KONTOROVICH	YM	5-2227	MAGN.EIG.FK	69020	KORENBLIT	IY	2-2234	LEITFHGK.FK	7
KONDRATENKO	AN	1-1650	PLASMA	57096	KONTSEVOI	YA	10-2457	HALBLEITER	71530			5-2381	LEITFHGK.FK	7
		8-1637	PLASMA	57075	KONTSEVOV	GA	6- 57	LABORTECHN.	12530		LL	12-2759	HALBLEITER	71
		9-1498	PLASMA	57075	KONUHOV	MV	2-2835	SONNENPHYS.	93328			12-2777	THERMEIG.FK	67
	PS	6-2243	MAGN.EIG.FK	69030	KONUSOV	VF	4-1984	MECH.EIG.FK	66516	KORENEV	NA	10-2787	DUENNE SCHI	74
KONDRATKO	MY	1-1274	KERNREAKTIO	43092			11-1989	KRISTALLE	65530	KORENEVSKII	LN	3-1478	GASENTLADG.	5
KONDRATYEV	AS	5- 244	STATISTIK	17563			11-2546	LEITFHGK.FK	70020	KORENMAN	V	3- 522	MASER,LASER	28
		5-2306	LEITFHGK.FK	70010			12-2532	MAGN.EIG.FK	69025			9- 481	MASER,LASER	28
		8-2285	LEITFHGK.FK	70053	KONWENT	H	9- 951	KERNSPEKTR.	42545			10- 594	MASER,LASER	28
		12- 328	STATISTIK	17563	KONYAEV	VF	6-1268	MOLEKUELE	52512	KORESHKOV	BD	3-1869	THERMEIG.FK	67
KY		10-2847	ERDKOERPER	90260	KONYAEVA	AG	8- 580	MASER,LASER	28040			3-1966	THERMEIG.FK	67
LN		4- 963	STAR											

LOVICH AA	6-2100	GITTERDYN.	67060	KOSE V	4-2070	DIELEKTRIKA	68020	KOTELNIKOV YN	6- 73	YAKUUM	13016	
LEICH P	3-2023	DIELEKTRIKA	68050	KOSEK F	3-2164	MAGN.EIG.FK	69065	KOTENKO LP	4- 819	KERN-MESSG.	40560	
USHIN YV	4-2256	LEITFHGK.FK	70060	KOSENKO VE	11-3067	HALBLEITER	71530	KOTERA N	1-2330	HALBLEITER	71520	
	7-2239	HALBLEITER	71520	KOSEVICH AM	3-1810	KRIST.FEHL.	66035	KOTHARI DS	1- 248	STATISTIK	17566	
	10-2398	LEITFHGK.FK	70060		7-2031	GITTERDYN.	67000		1-1309	KERNSTRHLG.	44010	
LEINIKOV V.P.	10-2400	LEITFHGK.FK	70065		12-2278	KRIST.FEHL.	66035		2-1103	K-REAKTOREN	43510	
	3-1361	PLASMA	57050		9-2631	DUENNE SCHI	74020		7-1270	KERNSTRHLG.	44010	
	4-1612	PLASMA	57040		11-1978	KRISTALLE	65518		9-1137	KERNSTRHLG.	44010	
LEINIKOV L.S.	4-1706	PLASMA	57295		11-3082	DUENNE SCHI	74020		10-1340	K-REAKTOREN	43515	
	11- 667	BESCHLEUNIG	41040	KOSFELD R	4-1558	MOLEKUELE	52550		10-1374	KERNSTRHLG.	44010	
KIN VV	2-1526	GASE	58060	KOSHEL RD	9-1017	KERNREAKTIO	43040	KOTIK IP	12-2376	GITTERDYN.	67010	
	3- 510	MASER,LASER	28045		12-1330	KERNREAKTIO	43040		3- 444	HF-TECHNIK	27530	
	3-1458	PLASMA	57256	KOSHELEV OG	2-2386	HALBLEITER	71566		4- 575	HF-TECHNIK	27530	
	6- 407	MASER,LASER	28045		7- 79	LABORTECHN.	12530	KOTKHEKAR V	6-1831	FK-SPEKTREN	73310	
	7- 586	MASER,LASER	28060		10-2492	HALBLEITER	71566		8-2453	FK-SPEKTREN	73310	
	7-1772	FLUESSIGK.	58570	KOSHELEVA ID	9-1646	FLUESSIGK.	58520	KOTLAR A	12-2444	THERMEIG.FK	67550	
	12-3002	FK-SPEKTREN	73355	KOSHELEVSKII V.K.				KOTLYAREVSKY D	12-1039	STARKE WW.	41735	
KOV OV	9-2800	IONOSPHERE	91045	KOSHIBA M	4-2691	GEOMAGNET.	90450	KOTOMTSEVA LA	12- 612	MASER,LASER	28045	
KOCHKO YS	7-1280	KERNSTRHLG.	44033		1- 961	STARKE WW.	41767	KOTOUSOVA IS	8-1967	KRIST.FEHL.	66035	
	10- 711	PHYS.OPTIK	29060		1- 965	STARKE WW.	41783	KOTOV AV	2- 513	OPT.INSTRUM	28526	
KOV VP	4-2006	GITTERDYN.	67010	KOSHKIN VM	3- 870	STARKE WW.	41780		BA	2-1888	GITTERDYN.	67020
	10- 164	QUANTENTHEO	16516		7- 407	WAERME	24060			7-2039	GITTERDYN.	67020
KOVA IL	8-2105	THERMEIG.FK	67520	KOSHMANOV VV	12-2250	KRIST.FEHL.	66025		YD	12-2393	GITTERDYN.	67020
KN LN	8- 541	TEILCH.OPT.	27068	KOSHTOEY VV	12-3189	DUENNE SCHI	74030		10- 856	ELEMENTART.	41563	
KEV AM	3- 260	FELDTHEORIE	18020	KOSHY J	12- 827	KERN-MESSG.	40538		11- 925	STARKE WW.	41783	
	6- 959	KERN-SPEKTR.	42510	KOSILOV AT	11-2122	KRIST.FEHL.	66040	KOTOVA LI	11-2115	KRIST.FEHL.	66035	
AN	4- 772	PHYS.OPTIK	29073		1-1935	MECH.EIG.FK	66540	LL	2- 371	THERMODYN.	24554	
OI	10-2722	OPT.EIG.FK	73640	KOSINSKAYA AI	5-2106	GITTERDYN.	67070	LP	11-1437	ATOME	52060	
ISHIN VN	2-2471	OPT.EIG.FK	73605	KOSITSYAN LG	7-2527	OPT.EIG.FK	73605	KOTRUBENKO BP	4-1891	KRISTALLE	65584	
KOV VI	1-2403	HALBLEITER	71570	KOSKI WS	2- 686	BESCHLEUNIG	41040	KOTSAKIS D	7- 279	MECHANIK	22010	
	1-2552	OPT.EIG.FK	73620	KOSKIMAKI D	10-1586	MOLEKUELE	52575	KOTSARENKO NY	4-1675	PLASMA	57085	
	2-2612	DUENNE SCHI	74040	KOSKIN YP	11-2056	KRISTALLE	65588		7-1515	PLASMA	57023	
	2-2613	DUENNE SCHI	74040		3-1363	PLASMA	57050		7-1600	PLASMA	57235	
	12-2813	HALBLEITER	71570		11-1718	PLASMA	57053		11-1733	PLASMA	57055	
YS	7-2433	FK-SPEKTREN	73325	KOSKINEN MF	12-1761	PLASMA	57045	KOTSUBANOV VD	5- 539	MASER,LASER	28030	
YUOK AP	1-1972	GITTERDYN.	67060		3- 82	LABORTECHN.	12580		7- 552	MASER,LASER	28045	
YOV FA	9-1322	MOLEKUELE	52540	KOSLOVSKII DA	1-2553	OPT.EIG.FK	73670	KOTSUMAKHA PA	6-2473	HALBLEITER	71570	
	10- 503	ELEKTRODYN.	26540	KOSMAHL HG	6-1560	PLASMA	57279	KOTTIS P	5-2191	FK-SPEKTREN	73355	
	12- 716	OPT.INSTRUM	28595	KOSMIN PL	11- 242	MECHANIK	22032		12-1980	FLUESSIGK.	58530	
YU AP	8-2549	FK-SPEKTREN	73365	KOSOV ND	11- 250	MECHANIK	22036	KOTTLER F	7- 680	PHYS.OPTIK	29030	
MEVICH VP	3- 569	OPT.INSTRUM	28545	KOSS P	12-2236	KRIST.FEHL.	66025	W	8-2678	GRENZFL.FK	74535	
	4- 680	OPT.INSTRUM	28545	KOSSA TA	9-2479	FK-SPEKTREN	73355	KOTTWITZ DA	10-1957	KRISTALLE	65570	
	10- 341	MECHANIK	22036	KOSSANYI P	8-1233	KERNREAKTIO	43080	KOTYUKOV YN	5-2296	MAGN.EIG.FK	69070	
ED	7-1599	PLASMA	57235	KOSSANYI DEMAY P.					9-2502	FK-SPEKTREN	73360	
AEV AD	1-1924	MECH.EIG.FK	66514		7-1185	KERNREAKTIO	43050		11- 427	HF-TECHNIK	27560	
KIKH VL	4-1201	KERNREAKTIO	43024		10-1249	KERNREAKTIO	43050		11-2199	MECH.EIG.FK	66553	
KIKH VL	6-1031	KERNREAKTIO	43024		10-1263	KERNREAKTIO	43054	KOU F	11-2523	MAGN.EIG.FK	69070	
KIKH YS	8-1178	KERN-SPEKTR.	42575		10-1292	KERNREAKTIO	43080		1-2636	DUENNE SCHI	74060	
KOV BA	6-1428	PLASMA	57050	KOSSEVICH AM	3-1629	KRIST.FEHL.	66010	KOUBA G	6-1998	KRIST.FEHL.	66076	
KOV HM	4- 963	STARKE WW.	41740	KOSSLER WJ	9-1075	KERNREAKTIO	43080	KOULMANN JJ	11-2509	MAGN.EIG.FK	69065	
PA	7-1380	MOLEKUELE	52510	KOSSYI IA	12-1882	PLASMA	57279	KOUNICKY J	12-2102	KRISTALLE	65545	
	10-1555	MOLEKUELE	52540	KOST A	1- 405	AKUSTIK	23550	KOUNOSU S	12-1124	STARKE WW.	41773	
LI	8-1673	PLASMA	57235	KOST ME	8-2075	GITTERDYN.	67020	KOUPTSIDIS J	4-2616	GRENZFL.FK	74535	
LI	4-2492	OPT.EIG.FK	73610	KOSTALAS HA	5- 763	KERN-MESSG.	40582	KOUTCHMY S	12-3334	LUFTHUELLE	90860	
	7-2538	OPT.EIG.FK	73610	KOSTANASHVILI N.I.				KOUTECKY J	6-1274	MOLEKUELE	52516	
	8-2582	OPT.EIG.FK	73610		4-1025	STARKE WW.	41783		11-2561	LEITFHGK.FK	70045	
	9-2206	LEITFHGK.FK	70072	KOSTAREV AA	10- 215	QUANTENTHEO	16575	KOUVEL JS	6-2280	MAGN.EIG.FK	69065	
YA	1- 495	ELEKTRODYN.	26540	KOSTENKO PP	11-1715	PLASMA	57050		11-2432	MAGN.EIG.FK	69050	
LI	11- 735	ELEMENTART.	41563	KOSTER A	2- 477	MASER,LASER	28045		12-2566	MAGN.EIG.FK	69060	
VI	8- 828	BESCHLEUNIG	41095	KOSTERIN EA	6-1673	FLUESSIGK.	58535	KOUWE VAN DER E.T.				
P	10-2151	GITTERDYN.	67060	KOSTETSKII BI	9-1879	KRIST.FEHL.	66035		12-2011	FLUESSIGK.	58550	
D	7-1597	PLASMA	57235		11-2184	MECH.EIG.FK	66545		12-2012	FLUESSIGK.	58550	
IA	4-1225	KERNREAKTIO	43046	KOSTIK RI	3-2897	STERNE	94025		12-2013	FLUESSIGK.	58565	
NH	8-2379	HALBLEITER	71520	KOSTIN MD	1-1337	ATOME	52010	KOUYOUNIJIAN R.G.				
AV	1-2869	STRAHL.BIOL	97010		2-1210	ATOME	52065		7- 124	MATH.PHYSIK	16020	
GS	4-1725	GASENTLADG.	57815		11- 195	STATISTIK	17530	KOVACHEV BZ	11-3372	SONNENPHYS.	93328	
IP	4- 642	MASER,LASER	28055		7-1481	MOLEKUELE	52585	KOVACS AJ	2-1328	POLYMERE	53535	
LI	10-2822	GRENZFL.FK	74570		6-1543	PLASMA	57055		I	3-1268	MOLEKUELE	52575
VA	11-2417	MAGN.EIG.FK	69040		6-1586	GASENTLADG.	57870	KOVAL AA	3-1061	KERNREAKTIO	43054	
VD	4-2596	DUENNE SCHI	74060	KOSTJAKOVA EB	8-2972	KOSM.PHYSIK	94520		10-1103	KERN-SPEKTR.	42545	
L	12-1993	FLUESSIGK.	58540	KOSTKO MY	2-2542	OPT.EIG.FK	73630	AG	12-1668	MOLEKUELE	52560	
YUOVSKY YA	7-1761	FLUESSIGK.	58562	KOSTOCHKO YP	9- 413	THERMODYN.	24556	PN	7-1713	FLUESSIGK.	58530	
YUOVSKAYA NE	4-2403	PHOTOLEITG.	72510	KOSTOMAROV DP	1-1634	PLASMA	57085	YP	2-2386	HALBLEITER	71566	
	7-2350	HALBLEITER	71563		5-1569	PLASMA	57266		10-2492	HALBLEITER	71566	
	12-3125	OPT.EIG.FK	73635	KOSTROMINA NA	12-1853	PLASMA	57206	KOVALCHUK VG	7- 250	STATISTIK	17563	
AA	2-1312	FK-SPEKTREN	73370	KOSTROV VO	8-1407	MOLEKUELE	52522		7- 253	STATISTIK	17569	
H	7- 649	OPT.INSTRUM	28556	KOSTRUYKOV VN	4- 157	KERN-SPEKTR.	42570	KOVALENKO ES	5-1882	KRISTALLE	65545	
W	12- 964	ELEMENTART.	41574		3-1976	THERMEIG.FK	67510		10-2629	FK-SPEKTREN	73355	
VS	6-2740	GRENZFL.FK	74580	KOSTRUYKOVA MO	1-1987	THERMEIG.FK	67510	SI	11-3083	DUENNE SCHI	74020	
	10-2543	FK-SPEKTREN	73310	KOSTSOV EG	10-2175	THERMEIG.FK	67510	SS	10-1329	KERNREAKTIO	43092	
KW	6-3001	HOEREN	96310		7-2606	DUENNE SCHI	74040	VA	3-2769	KOSM.STRLG.	90636	
LEM G	8-1796	FLUESSIGK.	58565	KOSTUR NL	12-3197	DUENNE SCHI	74040		3-2772	KOSM.STRLG.	90636	
	11-3010	OPT.EIG.FK	73620		1-2343	HALBLEITER	71530	VS	3-2773	KOSM.STRLG.	90636	
K	4-2508	FK-SPEKTREN	73325		1-2344	HALBLEITER	71530		9-2821	MAGNETOSPH.	91260	
EI	2- 513	OPT.INSTRUM	28526	KOSTYANOVSKII R.G.				WI	10- 502	ELEKTRODYN.	26540	
RL	1-2179	LEITFHGK.FK	70022		8-1910	KRISTALLE	65586	KOVALEV AA	6- 559	KERN-MESSG.	40560	
AI	8-1678	PLASMA	57256	KOSTYSHIN MT	8- 659	OPT.INSTRUM	28563	AI	10- 578	MASER,LASER	28045	
J	2-1504	GASE	58025	KOSTYUCHENKOV S.D.					1-1979	GITTERDYN.	67070	
	3-1510	GASE	58025		6- 551	KERN-MESSG.	40510		3-2626	DUENNE SCHI	74030	
	3-1511	GASE	58025	KOSTYUK EA	4-2197	MAGN.EIG.FK	69065	AM	7-1532	PLASMA	57045	
	3-1242	MOLEKUELE	52524	KOSTYUK VP	2-2628	DUENNE SCHI	74060	AS	2- 479	MASER,LASER	28045	
VM	9-1924	MECH.EIG.FK	66516	KOSTYUKOV MS	8-1287	KERNSTRHLG.	44010	IF	4-1482	MOLEKUELE	52516	
DORONENKO E.G.	1-2084	FK-SPEKTREN	73355	KOSTYUNINA GP	6- 643	BESCHLEUNIG	41040		6-1295	MOLEKUELE	52538	
VI	8-2503	FK-SPEKTREN	73345	KOSUGE K	4- 463	AKUSTIK	23570	VD	5-1130	KERNREAKTIO	43034	
J	2-2574	DUENNE SCHI	74010		6-2130	THERMEIG.FK	67550		8-1198	KERNREAKTIO	43036	
IA	10-1216	KERNREAKTIO	43040	KOSWIG HD	9-1452	PLASMA	57030	VI	5-2724	DUENNE SCHI	74040	
PD	12-2825	THERMOELEKT	72010	KOSYAK YG	9-2425	FK-SPEKTREN	73330	VP	8- 603	MASER,LASER	28053	
VF	3-2637	DUENNE SCHI	74040	KOSYANKIN VD	10-1588	MOLEKUELE	52575	TA	11- 401	TEILCH.OPT.	27068	
	10-2784	DUENNE SCHI	74040	KOSZYNNIK VD	1-1477	MOLEKUELE	52575	AA	9-2644	DUENNE SCHI	74040	
GS	12-3200	DUENNE SCHI	74040	KOT MY	2-2398	HALBLEITER	71570	KOVALEYSKAYA E.M.				
	11-2033	KRISTALLE	65578	KOTADIA KM	2-2787	IONOSPHERE	91050		2-2779	IONOSPHERE	91040	
JF	11-2326	MAGN.EIG.FK	69010	KOTANI K	5- 775	BESCHLEUNIG	41010	OG	2-2327	HALBLEITER	71520	
	3-2353	METAL.LEITG	71010	KOTANSKI A	12- 223	QUANTENTHEO	16560	YA	7-2322	HALBLEITER	71520	
	4- 467	WAERME	24023		1- 777	ELEMENTART.	41510		10-2454	METAL.LEITG	71010	
VV	8-1680	PLASMA	57263		10- 939	STARKE WW.	41750	KOVALEYSKII IV	4-2684	GEOMAGNET.	90440	
	11-1663	PLASMA	57017	KOTCHKIN VI	12- 236	QUANTENTHEO	16575		4-2803	MAGNETOSPH.		

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B	5-1374	MOLEKUELE	52510	KRINCHIK	GS	9-2568	OPT.EIG.FK	73610	KRIVSKY	L	3-2858	SONNENPHYS.	93324
	9-1271	MOLEKUELE	52514			10-2788	DUENNE SCHI	74050	KRIZAN	JE	9- 134	QUANTENTHED	16526
H	12-2917	FK-SPEKTREN	73330			11-3114	DUENNE SCHI	74050	KRIZHANSKII	LM	9- 955	KERNSPKTR.	42550
	6- 37	BUECHER	11010	KRINDACH	DP	12-2617	LEITFHKG.FK	70024			9- 981	KERNSPKTR.	42565
	10-1806	FLUESSIGK.	58520	KRINGS	FJ	7- 527	MASER,LASER	28030	KRIZHANSKY	LM	12-1278	KERNSPKTR.	42565
HA	10-2414	SUPRALEITG.	70510	KRINKS	RW	9-2116	MAGN.EIG.FK	69040	KRLIN	L	1-1693	PLASMA	57266
JP	3- 50	UNTERRICHT	12010	KRIPATOVSKII	S.I.	3- 635	PHYS.OPTIK	29053	KRMPOTIC	D	1-1694	PLASMA	57266
	11-2437	MAGN.EIG.FK	69050			7- 316	HYDRODYNAM.	23015	KROEGER	E	8- 769	KERN-MESSG.	40532
	11-2469	MAGN.EIG.FK	69060	KRIPIEC	T	1- 672	PHYS.OPTIK	29030	KROELL	W	5-1031	KERNSPKTR.	42515
K	3-1909	GITTERDYN.	67010	KRIPIYAKOVICH	P.I.						10-2050	KRIST.FEHL.	66062
HER	11-2407	MAGN.EIG.FK	69040			3-1714	KRISTALLE	65588			9-2292	HALBLEITER	71540
U	10-1011	STARKE WW.	41790			6-1864	KRISTALLE	65588			3-1419	PHYS.OPTIK	29060
ETZ	9- 232	FELDTHEORIE	18040			7-1860	KRISTALLE	65588	KROENER	E	5-2021	MECH.EIG.FK	66514
E	9- 233	FELDTHEORIE	18040			10-2003	KRISTALLE	65588	KROENKE	WJ	3-1562	FLUESSIGK.	58530
HD	9- 267	MECHANIK	22038			11-2050	KRISTALLE	65584	KROEPFEL	JJ	7-1062	KERNSPKTR.	42540
MD	5-1689	GASENTLADG.	57880	KRISCH	AD	2- 803	STARKE WW.	41740	KROETZSCH	M	1- 43	BUECHER	11010
	12-1907	GASENTLADG.	57880			5- 908	STARKE WW.	41740	KROGDahl	WS	8- 200	QUANTENTHED	16530
HEWSKI	2-1534	FLUESSIGK.	58520			6- 786	STARKE WW.	41740	KROGER	DG	7-1665	GASE	58045
DIEL	2- 751	ELEMENTART.	41576			7- 939	STARKE WW.	41740	KROGH	H	4-1871	FK-SPEKTREN	73310
	2- 756	ELEMENTART.	41586			9- 812	STARKE WW.	41725	KROGH VON J	5- 921	STARKE WW.	41745	
	3- 689	KERN-MESSG.	40532			11- 831	STARKE WW.	41740	KROGULSKI	T	2-1089	KERNREAKTIO	43092
RR	1- 43	BUECHER	11010			12-1042	STARKE WW.	41740	KROHN	VE	7- 772	KERN-MESSG.	40527
ICK	6- 243	HYDRODYNAM.	23010			6-1400	PLASMA	57010	KROKHIN	ON	5-1676	GASENTLADG.	57870
ICK	4-1563	MOLEKUELE	52547	KRISCIOKAITIS	R.J.						6-1527	PLASMA	57206
ING	12- 22	BIOGRAPHIEN	10216			5-1259	ATOME	52022			7- 343	HYDRODYNAM.	23060
BES	5-2283	MAGN.EIG.FK	69060	KRISCIUNAS	V	9- 694	BESCHLEUNIG	41010	KROKSTAD	J	4-2027	GITTERDYN.	67060
EGEL	NS	4-464	HF-TECHNIK	KRISHAN	S	4-1979	MECH.EIG.FK	66514	KROLIKOWSKI	W	7- 944	STARKE WW.	41750
IN	6-2471	HALBLEITER	71570			3-1411	PLASMA	57085			9- 863	STARKE WW.	41760
CHE	W	7-1078	KERNSPKTR.			8-1614	PLASMA	57055	KROLL	NM	7- 197	QU.FELDTHEO	17020
MAN	PJ	7-2264	SUPRALEITG.			12-1822	PLASMA	57085			9- 756	ELEMENTART.	41560
HH	F	4- 390	HYDRODYNAM.	KRISHKEVICH	GV	10-1883	FLUESSIGK.	58570			3-1485	PLASMA	57055
II	V	8-1631	PLASMA	KRISHNAJI		8-1423	MOLEKUELE	52536	KROMER	PF	3-1957	GITTERDYN.	67070
	M	1- 996	KERNSTRUKT.	KRISHNAMACHARI	S.L.N.	3-2500	FK-SPEKTREN	73325			3-1958	GITTERDYN.	67070
KNCHUGSKII	L.S.	3- 890	KERNSTRUKT.			4-2749	IONOSPHERE	91020	KROMMINGA	AJ	5-1113	KERNREAKTIO	43012
		9-2071	DIELEKTRIKA	KRISHNAMURTHI	M.	4-2777	IONOSPHERE	91072	KROMSKII	GI	7- 639	OPT.INSTRUM	28545
		12-2055	DIELEKTRIKA			9-2726	GEOMAGNET.	90440	KRONAST	B	4-1717	PLASMA	57260
NEK	J	6-1072	KERNREAKTIO	KRISHNAMURTHY	B.V.	10-2887	LUFTHUELLE	90830	KRONBERG	PO	12-3404	PLANETEN	93614
NTSOV	GN	12-2745	HALBLEITER			12-3366	IONOSPHERE	91060	PP	1-2783	ASTROPHYSIK	93020	
ER	G	7-2591	DUENNE SCHI			4-2459	FK-SPEKTREN	73330	KRONE	H	8- 526	TEILCH.OPT.	27040
LEV	MF	7- 262	FELDTHEORIE	KRISHNAMURTY	B	10-1847	FLUESSIGK.	58543	KRONEKVIST	M	2-1255	MOLEKUELE	52524
LEVSKII	PP	7-2286	SUPRALEITG.	KRISHNAN	K	3-1599	FLUESSIGK.	58573	KRONGAUZ	VG	1-2562	OPT.EIG.FK	73640
		4- 34	TAGUNGEN			11-1950	FLUESSIGK.	58573	KRONIG	R	5- 816	ELEMENTART.	41560
	D	3- 224	STATISTIK			2-2124	MAGN.EIG.FK	69045			5- 817	ELEMENTART.	41560
		6- 188	STATISTIK			11-2822	FK-SPEKTREN	73310	KRONKE	RH	9-2768	LUFTHUELLE	90850
PASKY	J	2-2602	DUENNE SCHI			12-3015	FK-SPEKTREN	73360	KRONMUELLER	H	3-2108	MAGN.EIG.FK	69035
GER	G	4-2769	IONOSPHERE			3-1926	GITTERDYN.	67020			6-2032	MECH.EIG.FK	66518
		11-3242	GEOMAGNET.			4-2018	GITTERDYN.	67040			6-2052	MECH.EIG.FK	66545
	E	2-1700	KRISTALLE			5-2081	GITTERDYN.	67040			11- 31	BUECHER	11020
		10-1998	KRISTALLE			5-2603	FK-SPEKTREN	73340			11-2170	MECH.EIG.FK	66516
		10-2310	MAGN.EIG.FK			7-2935	KOSM.PHYSIK	94550	KRONZON	Y	12-2365	MECH.EIG.FK	66553
		10-2311	MAGN.EIG.FK			5-2032	MECH.EIG.FK	66516	KROO	N	11- 320	HYDRODYNAM.	23060
TSIS	RP	11-2448	MAGN.EIG.FK	KRISHTAL	MA	1- 293	MECHANIK	22032			7- 786	KERN-MESSG.	40542
KE	G	5- 426	THERMODYN.	KRISHTUL	AY	10-2513	PHOTOLEITG.	72510	KROPAC	W	11-2370	MAGN.EIG.FK	69030
IN	RW	11-3180	GRENZFL.FK	KRISPIN	P	1- 737	KERN-MESSG.	40542			7- 979	STARKE WW.	41764
		4-2817	SONNENPHYS.	KRISTENSEN	A	8- 430	AUSTRIK	23550			10- 990	STARKE WW.	41770
		4-2819	SONNENPHYS.			1- 122	QUANTENTHED	16513			12-1126	STARKE WW.	41775
S	RE	6- 808	STARKE WW.			5-2972	KOSM.PHYSIK	94580	KROPACHEV	EP	9-2717	GEOMAGNET.	90430
SCHUK	VV	10- 465	ELEKTIZIT.	KRISTIAN	J	10-1345	K-REAKTOREN	43515		GP	3-1351	PLASMA	57040
IN	VZ	1- 247	STATISTIK	KRISTIANSEN	GK	1- 100	VAKUUM	13030			4-1789	FLUESSIGK.	58540
		1-2291	SUPRALEITG.			1-1649	PLASMA	57085	KROPACHEV	EP	4-2677	GEOMAGNET.	90430
		4-2289	SUPRALEITG.			7-2049	GITTERDYN.	67040	KROPF	A	1-1457	MOLEKUELE	52516
		9-2217	SUPRALEITG.	KRISTOFF	NN	12- 792	KERN-MESSG.	40520	KROPOTKIN	VS	7-1549	PLASMA	57055
LLING	A	6-1328	MOLEKUELE	KRISTOFF	JJ	10- 340	MECHANIK	22036			1-2081	FK-SPEKTREN	73355
NNIN	AA	1-1181	KERNREAKTIO			2-1974	DIELEKTRIKA	68030	KROPOTOV	VS	6-2209	FK-SPEKTREN	73355
		2- 931	KERNSTRUKT.	KRISTOFFEL	N	11-2841	FK-SPEKTREN	73320			11-2920	FK-SPEKTREN	73355
		2-1000	KERNREAKTIO			2-2333	HALBLEITER	71520			11-2921	FK-SPEKTREN	73355
		3- 937	KERNSPKTR.	KRISTYA	V	10-1328	KERNREAKTIO	43092			11-2922	FK-SPEKTREN	73355
		12-1390	KERNREAKTIO	KRISYUK	IT	11- 553	PHYS.OPTIK	29060	KROPP	JL	8-1539	POLYMERE	53546
IS	KA	10-2360	LEITFHKG.FK	KRITIKOS	NN	11-3036	OPT.EIG.FK	73640		WR	2- 687	ELEMENTART.	41500
SEL	H	1-1936	MECH.EIG.FK	KRITSKII	AV	2-1505	GASE	58025	KROPP JR.	WR	12- 944	ELEMENTART.	41550
		3-2402	HALBLEITER	KRITZ	A	1-1549	PLASMA	57026	KROSE	G	2-2094	MAGN.EIG.FK	69035
		5-2650	OPT.EIG.FK		AH	9- 210	STATISTIK	17526	KROSS	J	2- 619	PHYS.OPTIK	29076
		7- 555	MASER,LASER	KRITZINGER	S	3-1799	KRIST.FEHL.	66035	KROTOKOV	VD	8-2911	PLANETEN	93640
		7- 556	MASER,LASER	KRIVANEK	M	10- 781	BESCHLEUNIG	41010	KROTOKOV	IN	1- 460	ELEKTIZIT.	26012
		12-3128	OPT.EIG.FK			12- 905	BESCHLEUNIG	41040			10- 472	ELEKTIZIT.	26012
TOV	GA	1-1996	THERMEIG.FK	KRIVCHENKOVA	V.S.	7-1330	ATOME	52060	KROTO	HW	5-1427	MOLEKUELE	52520
SCHMANN	E	6- 299	WAERME			8-1340	ATOME	52060			5-2570	FK-SPEKTREN	73325
		4-2604	GRENZFL.FK			3-1962	GITTERDYN.	67070			7-1390	MOLEKUELE	52514
		9-2189	LEITFHKG.FK	KRIVENKO	LF	7-1015	KERNSTRUKT.	42030	KROTOPOV	VS	11-1949	FLUESSIGK.	58573
SZSCHMAR	G	8-2410	HALBLEITER	KRIVINE	H	1-2173	LEITFHKG.FK	70022	KROTOVA	MA	4-2125	FK-SPEKTREN	73355
M	H	3- 781	STARKE WW.	KRIVITSKII	VP	1-2177	LEITFHKG.FK	70024	KROUPA	F	7-1495	POLYMERE	53540
ZER	HJ	4- 236	QUANTENTHED			1-2177	LEITFHKG.FK	70024			3-1801	KRIST.FEHL.	66035
LB		1- 713	PHYS.OPTIK			1-2176	LEITFHKG.FK	70024			6-1952	KRIST.FEHL.	66035
		10- 572	MASER,LASER	KRIVNOV	VV	9- 214	STATISTIK	17530			8-2024	MECH.EIG.FK	66500
		12- 360	FELDTHEORIE	KRIVOGLAZ	MA	4-2419	FK-SPEKTREN	73325	KROUSE	HR	1-2299	HALBLEITER	71505
RU		1-1667	PLASMA			5-1391	MOLEKUELE	52540	KRS	M	2-2712	GEOMAGNET.	90430
U		4-2161	MAGN.EIG.FK			8-2027	MECH.EIG.FK	66500	KRUCHAN	YY	2-1677	KRISTALLE	65572
R		9-1428	PLASMA			12-2844	FK-SPEKTREN	73300	KRUCHNIN	AU	10-2731	OPT.EIG.FK	73645
HEVSKII	IR	4- 496	THERMODYN.	KRIVOKHATSKII	L.S.	1-1273	KERNREAKTIO	43092	KRUEGER	A	3-2854	SONNENPHYS.	93312
EP		11-3295	LUFTHUELLE			3-1351	PLASMA	57040			3-2858	SONNENPHYS.	93324
CHBAUM	M	7-2335	HALBLEITER			9-1547	ATOME	52065			8- 308	STATISTIK	17560
		8-1100	KERNSPKTR.			2-2724	GEOMAGNET.	90440	DA		2-1132	KERNSTRHLG.	44020
G		10-1489	ATOME	KRIVONISHCHENKO	I.A.	3-1351	PLASMA	57040	FN		8-2182	MAGN.EIG.FK	69030
JG		8-2572	OPT.EIG.FK			2-2743	KOSM.STRLG.	90636	GJ		12-1654	MOLEKUELE	52553
E		7- 317	HYDRODYNAM.	KRIVONOSOV	GA	3-2763	KOSM.STRLG.	90633			12-2022	FLUESSIGK.	58557
GER	D	12- 384	MECHANIK	KRIVOSHAPKIN	B.P.	3-2770	KOSM.STRLG.	90636			8- 214	QUANTENTHED	16572
JB		3-2187	LEITFHKG.FK			4-2702	KOSM.STRLG.	90630			4-1996	MECH.EIG.FK	66553
		6- 117	QUANTENTHED								12-2497	DIELEKTRIKA	68050
		7- 156	QUANTENTHED								12-2498	DIELEKTRIKA	68050
		12-2683	LEITFHKG.FK	KRIVOSHCHIEV	G.V.	10- 584	MASER,LASER	28045			2- 46	LABORTECHN.	12500
SJ		11- 950	KERNSTRUKT.			12- 601	MASER,LASER	28040	UK		5-1267	ATOME	52070
TJ		11-1174	KERNREAKTIO			12-3211	DUENNE SCHI	74060	KRUG	H	4-1957	MOLEKUELE	52553
		12-1307	KERNREAKTIO			1							

KRUGLOV VI	2-2345 HALBLEITER	71566	KUBELIK I	1-2341 HALBLEITER	71530	KUENTZLER R	11-2234 THERMEIG.FK	6
VS	12-3198 DUENNE SCHI	74040	KUBISHKIN OA	8-2059 MECH.EIG.FK	66550	KUENZLE HP	4-327 FELDTHEORIE	1
KRUGLOVA GJ	11-2667 HALBLEITER	71510	KUBO H	1-1647 PLASMA	57093	KUEPPER HW	7-783 KERN-MESSG.	4
IM	12-1573 ATOME	52075		2-1414 PLASMA	57070	KUEPPER FH	9-2368 FK-SPEKTREN	7
KRUGLYKH AA	1-2006 THERMEIG.FK	67556		4-2105 FK-SPEKTREN	73370	KUEPPERS D	11-2389 MAGN.EIG.FK	6
KRUGTEN VAN H	4-1155 KERN-SPEKTR.	42570		12-3079 FK-SPEKTREN	73370	J	12-2565 MAGN.EIG.FK	6
KRUH RF	9-1642 FLUESSIGK.	58520		10-2555 FK-SPEKTREN	73320	KUERER R	10-415 AKUSTIK	2
KRUIDENIER C	6-3000 HOEREN	96310		8-31 TABUNGEN	10560	KUERKCUEDOGLU M	3-35 BUECHER	1
KRUIKOVA NA	2-2207 LEITFHOK.FK	70026		8-982 STARKE WW.	41760	KUERZINGER K	6-1105 KERNREAKTIO	7
KRUKOV PG	10-554 MASER,LASER	28030		8-2179 MAGN.EIG.FK	69025	KUGAEVSKII AF	4-2460 FK-SPEKTREN	4
KRUKOVA LN	3-983 KERN-SPEKTR.	42565		12-2940 FK-SPEKTREN	73345	KUGAL HW	9-976 KERN-SPEKTR.	4
KRULISCH AH	4-797 KERN-MESSG.	40520		10-2828 GRENZFL.FK	74550	KUGLER M	3-769 STARKE WW.	4
	6-573 KERN-MESSG.	40520		12-1931 GASE	58040	KUGLIN CD	1-2179 LEITFHOK.FK	7
KRUMBERG LR	12-2771 HALBLEITER	71530		2-2024 FK-SPEKTREN	73370	KUHL GE	9-2223 SUPRALEITG.	7
KRUMHANSJ JA	10-2135 GITTERDYN.	67010	KUBOTA H	3-656 PHYS.OPTIK	29080		11-2610 SUPRALEITG.	7
KRUMME JB	4-2399 PHOTOLEITG.	72510		5-2121 THERMEIG.FK	67530	J	1-1373 ATOME	5
KRUNIN VY	8-2134 DIELEKTRIKA	68020		8-2579 OPT.EIG.FK	73605		6-486 OPT.INSTRUM	2
KRUPA JC	10-1273 KERNREAKTIO	43056		3-1597 FLUESSIGK.	58570	KUHLMANN HH	8-2357 METAL.LEITG	7
KRUPCHITSKY PA	12-1341 KERNREAKTIO	43046		3-2776 KOSH-STRLG.	90640	KUHLMANN WILSDORF D.		
KRUPENIKOVA N.B.				7-1669 GASE	58060		3-1788 KRIST.FEHL.	6
	9-900 KERNSTRUKT.	42040		6-2085 GITTERDYN.	67020		3-1789 KRIST.FEHL.	6
	10-922 STARKE WW.	41735	KUCAROVA T	8-1159 KERN-SPEKTR.	42560		6-2023 MECH.EIG.FK	6
	11-1201 KERNREAKTIO	43022		12-2165 KERN-SPEKTR.	42560		7-2599 DUENNE SCHI	7
KRUPICKA S	11-2422 MAGN.EIG.FK	69045	KUCHANOV SI	9-318 HYDRODYNAM.	23040		8-2031 MECH.EIG.FK	6
KRUPIN VD	8-427 AKUSTIK	23540		9-319 HYDRODYNAM.	23040		11-2121 KRIST.FEHL.	6
KRUPITZKAYA TM	9-2794 IONOSPHERE	91020	KUCHAR K	12-354 FELDTHEORIE	18042	KUHN G	11-2629 SUPRALEITG.	7
KRUPKE WF	3-1128 KRISTALLE	65545		6-2133 THERMEIG.FK	67556	H	2-1577 FLUESSIGK.	5
KRUPP H	4-2602 GRENZFL.FK	74510	KUCHER TS	2-1966 DIELEKTRIKA	68020		3-1196 MOLEKUELE	5
	8-2678 GRENZFL.FK	74535		11-2278 DIELEKTRIKA	68020		10-2712 OPT.EIG.FK	7
KRUPSKII IN	9-2006 THERMEIG.FK	67520	KUCHERENKO GI	8-2371 HALBLEITER	71510	HG	7-634 OPT.INSTRUM	2
KRUSCHE A	3-665 KERN-MESSG.	40512	IV	3-1898 MECH.EIG.FK	66556	L	9-650 KERN-MESSG.	4
KRUSE PW	1-474 ELEKTRIZIT.	26060	KUCHIS EV	8-488 ELEKTRIZIT.	26010	W	8-137 LABORTECHN.	1
	R 11-1353 K-K-REAKTOREN	43515	KUCHLY JM	2-991 KERN-SPEKTR.	42570	KUHNS IE	8-2754 LUFTHUELLE	9
TH	3-1062 KERNREAKTIO	43056		10-1235 KERNREAKTIO	43046	KUHRY GERLING M.L.		
U	1-954 STARKE WW.	41764		12-2804 HALBLEITER	71566		6-702 ELEMENTART.	4
	7-991 STARKE WW.	41775	KUCHNIR FT	4-1203 KERNREAKTIO	43028	KUHTIN YV	11-680 ELEMENTART.	4
	11-809 STARKE WW.	41730	H	3-1550 FLUESSIGK.	58527	KUICH	1-1851 KRISTALLE	6
UE	12-1123 STARKE WW.	41773		8-1741 FLUESSIGK.	58527	KUIKEN HK	2-340 WAERME	2
	12-1126 STARKE WW.	41775	KUCHOWICZ B	1-2810 PLANETEN	93630	KUIPER B	11-579 KERN-MESSG.	4
KRUSHCHYOV BI	6-1624 FLUESSIGK.	58510		3-268 FELDTHEORIE	18042	GP	10-3014 PLANETEN	9
KRUSIUS M	8-2089 THERMEIG.FK	67500		7-164 QUANTENTHEO	16572	KUJAS A	5-428 THERMODYN.	2
KRUSKAL HD	9-126 MATH-PHYSIK	16040		8-2952 STERNE	94060	KUJAWA VON R	10-2456 HALBLEITER	7
	11-303 HYDRODYNAM.	23040	KUCHTIN WW	12-910 ELEMENTART.	41510	KUJANSKI A	9-183 QU.FELDTHEO	1
KRUSZEWSKA O	1-1887 KRIST.FEHL.	66035	KUCKES AF	6-1521 PLASMA	57096	E	12-1307 KERNREAKTIO	4
	6-1925 KRIST.FEHL.	66035		10-1702 PLASMA	57075	KUKANOV AB	4-1341 KERNSTRHLG.	4
KRUSZEWSKI A	10-3061 STERNE	94050		11-1808 PLASMA	57266		6-517 PHYS.OPTIK	2
KRUTIKOVA IG	2-324 WAERME	24010	KUCYS E	11-2683 HALBLEITER	71520		11-1391 KERNSTRHLG.	4
KRUTOV VA	11-1005 KERNSTRUKT.	42075	KUCZERA J	1-1327 KERNSTRHLG.	44033	KUKHARSKII AA	3-2433 HALBLEITER	7
KRUTZSCH K	10-367 HYDRODYNAM.	23015	KUCZKOWSKI RL	4-1490 MOLEKUELE	52536		5-2351 LEITFHOK.FK	7
KRUYMER J	2-2411 HALBLEITER	71590	KUDABA V	12-2823 HALBLEITER	71590		8-2573 OPT.EIG.FK	7
KRUZHILIN YI	3-2587 OPT.EIG.FK	73645	KUDASHEV VI	2-355 THERMODYN.	24530	KUKHTEVICH VI	4-791 KERN-MESSG.	4
KRUZHKOVM	6-534 PHYS.OPTIK	29066	KUDASOV BG	6-341 ELEKTRIZIT.	26060	KUKIBNYI YA	12-2407 GITTERDYN.	6
KRUZHKOVA LA	7-200 QU.FELDTHEO	17020	KUDELIN KM	12-855 KERN-MESSG.	40582	KUKIELSKI J	11-3035 OPT.EIG.FK	7
KRYDER SJ	2-1270 MOLEKUELE	52536	KUDEYAROV VA	8-1087 KERNSTRUKT.	42080	KUKIN JK	11-1694 PLASMA	5
KRYGIN YM	5-1988 KRIST.FEHL.	66060	KUDIAN A	6-1289 MOLEKUELE	52536	LM	12-3390 SONNENPHYS.	9
KRYLOV AI	9-963 KERN-SPEKTR.	42555	KUDINOV EK	9-2449 FK-SPEKTREN	73330	KUKINA VS	2-1242 MOLEKUELE	5
MA	11-2155 KRIST.FEHL.	66076		12-2655 LEITFHOK.FK	70053		4-1489 MOLEKUELE	5
SM	12-3297 GEOMAGNET.	90450		6-2423 HALBLEITER	71520		5-1424 MOLEKUELE	5
YV	4-1630 PLASMA	57050	KUDINTSEVA GA	1-2660 GRENZFL.FK	74566		7-1436 MOLEKUELE	5
	6-1531 PLASMA	57026	KUDMAN I	6-2114 THERMEIG.FK	67520	KUKLIN RN	5-1030 KERN-SPEKTR.	4
YK	6-417 MASER,LASER	28045		6-2309 LEITFHOK.FK	70028		10-1179 KERNREAKTIO	4
KRYLOVA MY	4-1358 ATOME	52020	KUDO K	3-1773 KRIST.FEHL.	66025	KUKSA YG	1-480 ELEKTRODYN.	2
KRYLOW J	1-1880 KRIST.FEHL.	66035		7-669 OPT.INSTRUM	28595		11-1702 PLASMA	5
KRYMSKII GF	2-2743 KOSH-STRLG.	90636	Y	5-1152 KERNREAKTIO	43050	KUKSENKO VS	9-1409 POLYMERE	5
	3-2763 KOSH-STRLG.	90633	KUDRJAYCEVA AV	12-1435 K-K-REAKTOREN	43540		10-1617 POLYMERE	5
	3-2764 KOSH-STRLG.	90633	KUDRYASHEV LI	9-515 MASER,LASER	28045	KUKULIN VI	4-1061 KERNSTRUKT.	4
	3-2770 KOSH-STRLG.	90636	KUDRYASHOV PI	11-3017 OPT.EIG.FK	73625	LS	4-2527 OPT.EIG.FK	7
KRYNAUW GN	1-2481 FK-SPEKTREN	73330		12-614 MASER,LASER	28045		11-115 QUANTENTHEO	1
	1-2482 FK-SPEKTREN	73330	VI	6-941 KERN-SPEKTR.	42545	KULAGIN ES	6-2861 ASTROPHYSIK	9
	1-2483 FK-SPEKTREN	73330	LV	5-2461 HALBLEITER	71520	AV	2-402 ELEKTRODYN.	2
KRYNICKI K	11-2958 FK-SPEKTREN	73370	KUDRYAVTSEV EM	6-1311 MOLEKUELE	52560	BA	5-888 STARKE WW.	4
	11-2959 FK-SPEKTREN	73370	VA	3-840 STARKE WW.	41755	VM	12-1299 KERN-SPEKTR.	4
	12-3052 FK-SPEKTREN	73370	VG	10-1376 KERNSTRHLG.	44020	KULANDER JL	4-2854 STERNE	9
KRYSKO AA	10-3018 PLANETEN	93640	KUDRYAVTSEVA A.D.				10-3044 STERNE	9
KRYSMANSKI KH	8-1546 PLASMA	57010		5-1833 FLUESSIGK.	58573	KULANDIN AA	4-1720 PLASMA	5
KRYTER KD	10-417 AKUSTIK	23560	NV	7-2196 LEITFHOK.FK	70010	KULCHITSKII LA	4-807 KERN-MESSG.	4
KRYUKOV PG	2-460 MASER,LASER	28030		10-701 PHYS.OPTIK	29050	KULCHITSKY LA	4-1200 KERNREAKTIO	4
KRYUKOVA IV	7-560 MASER,LASER	28050		10-702 PHYS.OPTIK	29050		11-1203 KERNREAKTIO	4
	11-457 MASER,LASER	28050		10-2359 LEITFHOK.FK	70022	KULEEV VG	8-742 PHYS.OPTIK	2
	11-458 MASER,LASER	28050		11-2010 KRISTALLE	65545		11-240 MECHANIK	2
NM	6-2472 HALBLEITER	71570	RV	2-2567 DUENNE SCHI	74000	KULESHOV VA	9-818 STARKE WW.	4
KRYZHANOVSKY B.P.				3-2624 DUENNE SCHI	74020	KULESSA R	11-1023 KERN-SPEKTR.	4
KRZEMINSKI W	10-2955 ASTROPHYSIK	93030	KUDZIN AY	2-1991 DIELEKTRIKA	68030	LA	3-2487 FK-SPEKTREN	7
KRZHIZHANOVSKII R.E.				6-2428 HALBLEITER	71530		6-2560 FK-SPEKTREN	7
	11-2245 THERMEIG.FK	67520		8-2060 MECH.EIG.FK	66550	KULGAYCHUK VM	6-1550 PLASMA	5
KRZYWDZINSKI S	12-1133 STARKE WW.	41783	KUEBLER J	10-2213 DIELEKTRIKA	68020	KULGAWCZUK D	2-1655 FK-SPEKTREN	7
	12-1135 STARKE WW.	41783	KUECH FH	6-2316 LEITFHOK.FK	70053		6-1825 FK-SPEKTREN	7
KRZYWOBOLOCKI Y. M.Z.			KUEHL H	7-2074 THERMEIG.FK	67510	KULICHENKO AK	11-3248 KOSH-STRLG.	9
	6-53 LABORTECHN.	12525	KUEHM G	12-1800 PLASMA	57075		11-3260 KOSH-STRLG.	9
KSANFOMALITI L.V.				2-57 VAKUUM	13030		11-3261 KOSH-STRLG.	9
	8-541 TEILCH.OPT.	27068	H	11-26 BUECHER	10101	KULIEV AA	8-1096 KERN-SPEKTR.	4
KSCHWENDT H	9-1096 K-K-REAKTOREN	43510	L	9-2931 STERNE	94040	BI	9-2144 MAGN.EIG.FK	6
	9-1104 K-K-REAKTOREN	43515	W	8-809 KERN-MESSG.	40595		11-2427 MAGN.EIG.FK	6
	10-1348 K-K-REAKTOREN	43515		8-2455 FK-SPEKTREN	73315	KULIEVA RN	2-2730 GEOMAGNET.	9
KSENDZOV YM	2-2345 HALBLEITER	71566		8-3039 STRAHL.BIOL	97010	IO	1-2320 SUPRALEITG.	7
	5-2447 HALBLEITER	71500	KH	7-1166 KERNREAKTIO	43024		4-2373 HALBLEITER	7
KSHIRSAGAR ST	6-1862 KRISTALLE	65588	K	9-1777 KRISTALLE	65570		4-2581 DUENNE SCHI	7
KU CC	7-2708 GEOMAGNET.	90450	A	1-222 QU.FELDTHEO	17040		7-2204 LEITFHOK.FK	7
KUAN HM	1-1064 KERN-SPEKTR.	42545		2-2087 MAGN.EIG.FK	69025	LN	1-2474 FK-SPEKTREN	7
	2-958 KERN-SPEKTR.	42545	H	6-223 MECHANIK	22034	KULIKAUSKAS VS	6-1977 KRIST.FEHL.	6
KUANG JG	8-1962 KRIST.FEHL.	66035		4-922 ELEMENTART.	41580	AV	1-1186 KERNREAKTIO	4
KUBALA H	12-146 VAKUUM	13020	KUEHNEN G	8-731 PHYS.OPTIK	29060	OV	6-2795 KOSH-STRLG.	9
KUBALL HG	2-1593 FLUESSIGK.	58576	KUEHNER DA	5-2061 GITTERDYN.	67010		11-3267 KOSH-STRLG.	9
	4-2479 OPT.EIG.FK	73610		2-962 KERN-SPEKTR.	42545	KM	11-2776 HALBLEITER	7
	8-1807 FLUESSIGK.	58570		4-1097 KERN-SPEKTR.	42545		2-684 BESCHLEUNIG	4
KUBAREV AM	7-1780 FLUESSIGK.	58573		5-1051 KERN-SPEKTR.	42545		6-714 ELEMENTART.	4
	8-610 MASER,LASER	28060		11-1067 KERN-SPEKTR.	42545		10-503 ELEKTRODYN.	2
SI	2-187 STATISTIK	17530		3-2583 OPT.EIG.FK	73645		12-904 BESCHLEUNIG	4
	11-2585 LEITFHOK.FK	70072	H	11-1034 KERN-SPEKTR.	42540	VA	1-1911 MECH.EIG.FK	6
KUBASCHESKI P	10-2163 THERMEIG.FK	67510	U	11-3038 OPT.EIG.FK	73645		4-377 MECH.EIG.FK	6
KUBASOVA NB	12-1493 ATOME	52020		1-2142 MAGN.EIG.FK	69050	KULIKOVA IA	7-1986 MECH.EIG.FK	6
	12-1496 ATOME	52020	W	9-1766 KRISTALLE	65545		11-359 ELEKTRIZIT.	2
KUBAT J	4-1572 POLYMERE	53540		11-2816 FK-SPEKTREN	73310	KULINSKI S	3-1462 PLASMA	5
KUBEC F	2-2033 FK-SPEKTREN	73355		12-2516 MAGN.EIG.FK	69010	KULISH NR	7-1713 FLUESSIGK.	5
			KUENNE L	5-2356 LEITFHOK.FK	70045			

KULKIN - KUZMA

KIN	KM	10-2499	HALBLEITER	71570	KUO	TTS	7-1020	KERNSTRUKT.	42070	KUROV	GA	2-2582	DUENNE SCHI	74010
KOV	VD	1-1816	KRISTALLE	65540			10-1024	KERNSTRUKT.	42020			2-2647	GRENZFL.FK	74520
	LA	1-1227	KERNREAKTIO	43054			11- 966	KERNSTRUKT.	42040		IA	11-3157	GRENZFL.FK	74520
		6-1067	KERNREAKTIO	43054			11- 989	KERNSTRUKT.	42070			9-2306	HALBLEITER	71540
LANDER	S	11-1262	KERNREAKTIO	43054			12-1165	KERNSTRUKT.	42070			9-2345	PHOTOLEITG.	72500
LECK	JG	7- 797	KERN-MESSG.	40560	KUO PETRAVIC L.G.		2-1463	PLASMA	57266	KURSKII	YA	2-2357	HALBLEITER	71540
		2-1060	KERNREAKTIO	43060			10- 283	STATISTIK	17563	KURSUMOGLU	B	1- 34	TAGUNGEN	10545
		8-1172	KERNSEKTR.	42570	KUPELIAN	NJ	3- 936	KERNSEKTR.	42545			8- 28	TAGUNGEN	10545
		9-1049	KERNREAKTIO	43058	KUPERUS	J	5-2905	SONNENPHYS.	93326			8- 180	QUANTENTHEO	16516
	BA	1-1891	KRIST.FEHL.	66060			10-2563	FK-SPEKTREN	73325			8- 189	QUANTENTHEO	16516
		2-1796	KRIST.FEHL.	66065	KUPFERMAN	SL	7- 533	MASER, LASER	28040	KURT	VG	11- 681	ELEMENTART.	41520
		5-1924	KRISTALLE	65584	KUPKA	J	6-1319	HELELE	52580			2-2876	KOSM.PHYSIK	94520
	K	10- 781	BESCHLEUNIG	41010	KUPPERMANN	A	7- 598	OPT.INSTRUM	28513			8-2961	KOSM.PHYSIK	94510
		12- 905	BESCHLEUNIG	41040			11-1450	ATOME	52070	KURTENOK	LF	7- 82	LABORTECHN.	12530
MASHEV	OK	12-2037	FLUESSIGK.	58560			8-1360	ATOME	52070	KURTEV	IA	8- 489	ELEKTRIZIT.	26010
MUKIN	MM	4- 818	KERN-MESSG.	40560			8-1361	ATOME	52070	KURTHULLAEV	RK	2-1374	PLASMA	57050
MUKINA	LA	11- 722	ELEMENTART.	41546			2-1717	KRISTALLE	65588			10-1685	PLASMA	57050
MUPIN	YA	10-2779	DUENNE SCHI	74040	KUPRIANOV	SE	1-1417	ATOME	52060	KURTSINOVSKAYA	R.I.	12- 750	PHYS.OPTIK	29060
NBE	I	3-1089	KERNREAKTIO	43080			2- 153	QU.FELDTHEO	17010			1- 692	PHYS.OPTIK	29050
NIGAI	N	6- 525	PHYS.OPTIK	29060	KUPRIYANOV	MF	11-1269	KERNREAKTIO	43054	KURTZ	CN	12- 702	OPT.INSTRUM	28570
		8- 729	PHYS.OPTIK	29050			3-2792	LUFTHUELLE	90840			11-2716	HALBLEITER	71540
		12- 534	ELEKTRODYN.	26530	KUPSCH	SE	2-2582	DUENNE SCHI	74010			11-3357	SONNENPHYS.	93310
		3-1843	KRIST.FEHL.	66065			2-2647	GRENZFL.FK	74520	KURUMADA	K	9-2628	DUENNE SCHI	74010
		1- 805	ELEMENTART.	41546	KURAMOTO	Y	9-2656	DUENNE SCHI	74060	KURYLENKO	C	2-2457	FK-SPEKTREN	73315
		8-1959	KRIST.FEHL.	66035	KURASAWA	T	2-2379	HALBLEITER	71563			2-2458	FK-SPEKTREN	73315
		12- 941	ELEMENTART.	41546			7-1125	KERNSEKTR.	42565			12-2861	FK-SPEKTREN	73315
	CS	1-1975	GITTERDYN.	67060	KURASE	K	11-1269	KERNREAKTIO	43054	KURYNDINA	NK	9-2360	PHOTOLEITG.	72510
		12-2787	HALBLEITER	71540	KURATA	K	3-2792	LUFTHUELLE	90840	KURYSIN	VI	7-1781	FLUESSIGK.	58573
		3- 231	STATISTIK	17540			2-2582	DUENNE SCHI	74010	KURZ	RJ	3- 844	STARKE WW.	41764
		4-1064	KERNSTRUKT.	42075	KURATH	D	2-2647	GRENZFL.FK	74520	KURZE	U	5- 827	ELEMENTART.	41566
		9- 913	KERNSTRUKT.	42075			9-2656	DUENNE SCHI	74060	KUSAINOV	MK	10- 415	AKUSTIK	23550
		9- 914	KERNSTRUKT.	42075			2-2379	HALBLEITER	71563	KUSAO	K	11-3102	DUENNE SCHI	74040
		11-1135	KERNSEKTR.	42565	KURBATKIN	GP	7-1125	KERNSEKTR.	42565	KUSCER	I	2-1107	K-REAKTOREN	43515
		1-2238	GITTERDYN.	67020	KURBATOV	BS	10-1333	KERNREAKTIO	43092			5-1194	K-REAKTOREN	43515
		4-1099	KERNSEKTR.	42545			11- 667	BESCHLEUNIG	41040			5-1203	K-REAKTOREN	43515
		4-2157	MAGN.EIG.FK	69030	KURCEWICZ	W	1-2824	STERNE	94060	KUSCH	HJ	7- 228	STATISTIK	17523
		4-2158	MAGN.EIG.FK	69030	KURCHATOV	BY	5-1999	KRIST.FEHL.	66065			1-1395	ATOME	52045
		4-2259	LEITFHGK.FK	70072	KURDADZE	LM	7-1495	POLYMERE	53540			1-1397	ATOME	52045
		11-2356	MAGN.EIG.FK	69025	KURDGELADZE D.F.		11-2011	KRISTALLE	65545			3-1152	ATOME	52045
		12-3012	FK-SPEKTREN	73360			1-2609	DUENNE SCHI	74020			8-1332	ATOME	52045
R		2- 305	ELASTIZIT.	22530	KURDIANI	NI	12-2445	THERMEIG.FK	67550			11-1608	MOLEKUELE	52585
		10- 357	ELASTIZIT.	22530	KURDUBOV	YF	5-1564	PLASMA	57050			8-1411	MOLEKUELE	52524
		1- 248	STATISTIK	17566	KURDYAYTSEVA N.V.		2-1851	MECH.EIG.FK	66545			3- 995	KERNSEKTR.	42575
		1- 250	STATISTIK	17566			3-1806	KRIST.FEHL.	66035	KUSHAKEVICH	YP	12-2873	FK-SPEKTREN	73320
		1-2491	FK-SPEKTREN	73330	KURDYUMOV	AV	6-2053	MECH.EIG.FK	66545	KUSHIDA	T	7-2436	FK-SPEKTREN	73325
		4- 309	STATISTIK	17566			7-1926	KRIST.FEHL.	66035			7-2436	FK-SPEKTREN	73325
		5-1243	ATOME	52010	KURGAEV	VV	10-2797	DUENNE SCHI	74060			10-2592	FK-SPEKTREN	73330
		7-2459	FK-SPEKTREN	73350	KURFESS	JD	5-1081	KERNSEKTR.	42565	KUSHNER	JB	7- 466	TEILCH.OPT.	27030
		8-1299	ATOME	52010			11-3437	KOSM.PHYSIK	94540			11-1019	KERNSEKTR.	42515
		1-2814	STERNE	94000	KURGAYEV	VV	4-2633	GRENZFL.FK	74555	KUSHNIR	IP	6-1963	KRIST.FEHL.	66035
		2-2858	STERNE	94000	KURI	Z	5-1759	FLUESSIGK.	58530			7-1925	KRIST.FEHL.	66035
		6- 577	KERN-MESSG.	40520	KURIDZE	RV	11- 925	STARKE WW.	41783			8-2696	GRENZFL.FK	74535
		2-2144	MAGN.EIG.FK	69060	KURIK	MY	1-2477	FK-SPEKTREN	73325			8-1247	KERNREAKTIO	43092
		8-2222	MAGN.EIG.FK	69065			2-2213	LEITFHGK.FK	70035			10- 589	MASER, LASER	28050
		12-2295	KRIST.FEHL.	66060	KURGAEV	VV	4-2407	PHOTOLEITG.	72510	KUSHNIRENKO	AM	11- 114	QUANTENTHEO	16533
		10- 176	QUANTENTHEO	16526	KURI	Z	9-2552	OPT.EIG.FK	73605			12- 954	ELEMENTART.	41563
		3- 750	ELEMENTART.	41550	KURIDZE	RV	2-1368	PLASMA	57050	KUSHWAHA	RS	4-1803	FLUESSIGK.	58560
		6- 93	QUANTENTHEO	16516	KURIK	MY	2-2325	HALBLEITER	71520	KUSIRENKO	AN	4- 217	QUANTENTHEO	16533
		12- 920	ELEMENTART.	41540			7- 490	TEILCH.OPT.	27068	KUSKOVA	TV	3-1623	KRISTALLE	65518
		11-1348	K-REAKTOREN	43510			1-2522	OPT.EIG.FK	73610			11-2119	KRIST.FEHL.	66035
		10-2901	LUFTHUELLE	90860			1-2526	OPT.EIG.FK	73610	KUSMISS	JH	6-2297	LEITFHGK.FK	70020
		5-2066	GITTERDYN.	67010			10-2632	FK-SPEKTREN	73355	KUSNETSOV	EI	8-1572	PLASMA	57023
		2- 178	STATISTIK	17520			7-1030	KERNSTRUKT.	42070			4-2386	HALBLEITER	71590
		1-2011	DIELEKTRIKA	68010			8-1063	KERNSTRUKT.	42010	KUSNETZOVA	RI	4-1988	MECH.EIG.FK	66545
		12-3476	KOSM.PHYSIK	94550	KURITA	S	8-1067	KERNSTRUKT.	42010	KUSNEZOV	N	3-2172	MAGN.EIG.FK	69070
		6-1900	KRIST.FEHL.	66025			9-1787	KRISTALLE	65572	KUSOFFSKY	U	2- 532	OPT.INSTRUM	28545
		9-2327	HALBLEITER	71570			11-2019	KRISTALLE	65572	KUSOVNIKOV	AA	7-1591	PLASMA	57203
		4- 456	AKUSTIK	23540	KURIYAMA	A	12-2161	KRISTALLE	65572	KUSS	E	1-1712	GASE	58025
		1- 956	STARKE WW.	41764			6- 796	STARKE WW.	41753	KUSTAAHEIMO	P	2- 231	FELDTHEORIE	18060
		5- 323	HYDRODYN.	23030			10- 144	QUANTENTHEO	16516	KUSTOV	EF	12- 695	MASER, LASER	28060
		10-1772	GASE	58010			1-1347	KRISTALLE	65572			12-1911	GASENTLADG.	57880
		11-1881	FLUESSIGK.	58520	KURKI SUONIO E		8-1871	KRISTALLE	65545	KUSUBOV	AS	9-1942	MECH.EIG.FK	66514
		12- 317	STATISTIK	17526			9- 910	KERNSTRUKT.	42075	KUSUDA	T	8-2656	DUENNE SCHI	74050
		12- 318	STATISTIK	17526			12-2173	KRISTALLE	65572	KUSUI	S	8- 487	ELEKTRIZIT.	26010
		6-1964	KRIST.FEHL.	66035	KURKIN	IN	3-2066	FK-SPEKTREN	73355	KUSUMOTO	H	1-2060	FK-SPEKTREN	73370
		11-2164	MECH.EIG.FK	66500			6-2210	FK-SPEKTREN	73355			0 11- 917	STARKE WW.	41783
		4-1351	ATOME	52010			8-2528	FK-SPEKTREN	73355	KUT SAR	AR	3-1890	MECH.EIG.FK	66553
		9- 612	PHYS.OPTIK	29045			11-2918	FK-SPEKTREN	73355	KUTAI	AK	4- 118	MESEN	12230
		9-2221	SUPRALEITG.	70520			11- 250	MECHANIK	22036	KUTAITSEV	VI	2-1889	GITTERDYN.	67040
		2-2134	MAGN.EIG.FK	69050	KURLAPOV	LI	9-2212	SUPRALEITG.	70540			4-2319	METAL.LEITG	71010
		11-2318	MAGN.EIG.FK	69010	KURMAEV	EZ	1-2452	FK-SPEKTREN	73315	KUTATELADZE	SS	2- 343	WAERME	24060
		12-2738	METAL.LEITG	71010	KURNOSOVA	LV	3-2740	KOSM.STRLG.	90630	KUTCHERA	W	10-1092	KERNSEKTR.	42945
		9-2531	FK-SPEKTREN	73370			3-2754	KOSM.STRLG.	90633	KUTIK	M	1- 596	MASER, LASER	28055
		12-1891	GASENTLADG.	57815			3-2865	SONNENPHYS.	93440	KUTKO	VI	8-2489	FK-SPEKTREN	73330
		11-3459	KOSM.PHYSIK	94560			8-2978	KOSM.PHYSIK	94530	KUTOLIN	SA	8- 484	THERMODYN.	24540
		3-2146	MAGN.EIG.FK	69060			1-1403	ATOME	52045	KUTSAROVA	T	9- 985	KERNSEKTR.	42565
		5-2274	MAGN.EIG.FK	69050			3-1161	PLASMA	57210	KUTTIG	H	10-3143	STRAHL.BIOL	97010
		10- 528	HF-TECHNIK	27530			11- 243	MECHANIK	22032	KUTTRUFF	H	2- 317	AKUSTIK	23550
		8- 492	ELEKTRIZIT.	26014			1-1219	KERNREAKTIO	43052			6- 288	AKUSTIK	23550
		11-2524	MAGN.EIG.FK	69070			5-2429	SUPRALEITG.	70520			9-1467	PLASMA	57050
		6-1714	FLUESSIGK.	58557			2-1047	KERNREAKTIO	43052	KUTZELNIGG	W	4-1430	MOLEKUELE	52510
		3-1923	GITTERDYN.	67020			8-2493	FK-SPEKTREN	73330	KUTZNER	K	3- 358	WAERME	24060
		9-1168	ATOME	52010			4-2841	PLANETEN	93630	KUVATOV	KG	9-1093	KERNREAKTIO	43092
		2-2184	LEITFHGK.FK	70028			6-2892	PLANETEN	93640	KUWABARA	G	1-2204	LEITFHGK.FK	70053
		4-2217	LEITFHGK.FK	70028			7-2949	KOSM.PHYSIK	94586			1-2526	OPT.EIG.FK	73610
		5-2311	LEITFHGK.FK	70028			12-1342	KERNREAKTIO	43046			8-2536	FK-SPEKTREN	73355
		2- 678	BESCHLEUNIG											

KUZMA - LALLY

KUZMA	DC	8-1596	PLASMA	57045	KYCIA	TF	3- 805	STARKE WW.	41730	LADE	RW	8-2021	KRIST.FEHL.	660
	YB	3-1715	KRISTALLE	65584			5- 747	KERN-MESSG.	40545	LADELL	J	8- 117	LABORTECHN.	122
KUZMAK	GE	8- 336	MECHANIK	22010			5- 892	STARKE WW.	41730	LADIK	J	4-1441	MOLEKUELE	525
KUZMANY	H	11-2152	KRIST.FEHL.	66076	KYDON	DW	5-2175	FK-SPEKTREN	73370	LADO	F	9-1597	GASE	580
KUZMENKO	GI	11- 661	BESCHLEUNIG	41030			12-3055	FK-SPEKTREN	73370			11- 211	STATISTIK	175
	NE	12-1611	MOLEKUELE	52524	KYHL	RL	1-2041	FK-SPEKTREN	73345	LADU	M	3- 667	KERN-MESSG.	405
	PP	4-2198	MAGN.EIG.FK	69065			10- 549	HF-TECHNIK	27595			6- 555	KERN-MESSG.	405
		7-1891	KRIST.FEHL.	66025	KYLE	CF	1- 280	FELDTHEORIE	18045			7- 809	KERN-MESSG.	405
KUZMICHEVA	LB	9-2115	MAGN.EIG.FK	69035			4-2816	SONNENPHYS.	93314	LAEHTENKORVA	E.E.	6-2079	GITTERDYN.	670
		8-2221	MAGN.EIG.FK	69065			5-1710	BASE	58030			6-2080	GITTERDYN.	670
		9-2150	MAGN.EIG.FK	69060			9-2362	FK-SPEKTREN	73300	LAEHTENMAEKI	U.	3-2042	FK-SPEKTREN	733
KUZMICKYTE	L	8-1331	ATOME	52040	KYNEV	K	9-2757	LUFTHUELLE	90820			8-1684	PLASMA	572
KUZMIN	AD	10-2978	PLANETEN	93610			9-2570	OPT.EIG.FK	73635	LAEVASTU	R	2-2705	ERDKOERPER	902
	AI	2-2743	KOSM.STRLG.	90636			10-2525	PHOTOLEITG.	72510	LAFARGUE	T	11-1929	FLUESSIGK.	585
		3-2763	KOSM.STRLG.	90633	KYRIACOU	D	3-2672	GRENZFL.FK	74535	LAFARGE	C	4-2773	IONOSPHERE	911
		3-2764	KOSM.STRLG.	90633	KYSER	DF	1-2397	HALBLEITER	71566	LAFAILLE	M	6-1847	KRISTALLE	651
		3-2768	KOSM.STRLG.	90633	KYTIN	GA	7-1701	FLUESSIGK.	58525	LAFEUILLE	D	4-2793	IONOSPHERE	911
		3-2770	KOSM.STRLG.	90636	KYUNTSSEL	IA	4-1466	MOLEKUELE	52516	LAFFERTY	JF	2- 254	HYDRODYNAM.	231
		4-2702	KOSM.STRLG.	90630	KYZJUROV	VS	11-1354	K-REAKTOREN	43515			10-1540	MOLEKUELE	525
	EA	6-1856	KRISTALLE	65584	KYZYLASOV	YI	7- 692	PHYS.OPTIK	29043	LAFFINEUR	M	4- 597	HF-TECHNIK	275
	EV	10-2160	GITTERDYN.	67060			7- 693	PHYS.OPTIK	29043	LAFOND DE	YG	1-1892	KRIST.FEHL.	660
		11-2515	MAGN.EIG.FK	69070			7-2514	FK-SPEKTREN	73380			5-1997	KRIST.FEHL.	660
	II	2- 144	QUANTENTHEO	16595	KZIWDZINSKA	S	8-1816	FLUESSIGK.	58573	LAFONT	R	2-1266	FLUESSIGK.	585
		3-1841	KRIST.FEHL.	66065			11- 921	STARKE WW.	41783	LAFORE JR. RW	12- 761	KERN-MESSG.	405	
		10-1185	KERNREAKTIO	43010						LAFOURCIERE	J	1- 902	STARKE WW.	417
	RN	9-1809	KRISTALLE	65578								1-1202	KERNREAKTIO	430
		10-2551	FK-SPEKTREN	73315								2- 381	ELEKTRIZIT.	261
	VA	12- 531	ELEKTRIZIT.	26060								10- 133	MATH.PHYSIK	161
	VL	12- 317	STATISTIK	17526	LA	SY	8-1947	KRIST.FEHL.	66030	LAFOURCADE	L	1-1844	KRISTALLE	651
	VN	2- 685	BESCHLEUNIG	41040	LAAKSO	I	12-1055	STARKE WW.	41745			1-2639	DUENNE SCHI	740
		2- 686	BESCHLEUNIG	41040	LAAR VAN	B	2-2145	MAGN.EIG.FK	69060	LAGARDE	D	7-1325	ATOME	521
		8-1219	KERNREAKTIO	43054			11-2445	MAGN.EIG.FK	69060			11-1191	KERNREAKTIO	430
	VV	6- 66	VAKUUM	13010			4-2235	LEITFHKG.FK	70028	LAGARRIGUE	A	8- 860	ELEMENTART.	415
KUZMINA	AV	10-2065	KRIST.FEHL.	66065			10-2689	OPT.EIG.FK	73605	LAGE	GL	3- 674	KERN-MESSG.	405
	NP	11-1553	MOLEKUELE	52540	LAASPERE	T	12-3370	IONOSPHERE	91076	LAGENDIJK	E	3-1971	THERMEIG.FK	671
KUZMINOV	BD	5-1189	KERNREAKTIO	43092	LABAHN	RW	10-1456	ATOME	52070	LAGERBERG	B	9-1876	KRIST.FEHL.	660
		8-1246	KERNREAKTIO	43092			10-1462	ATOME	52070	LAGERQVIST	A	5-1429	MOLEKUELE	521
		9-1092	KERNREAKTIO	43092	LABAR	DA	1- 736	KERN-MESSG.	40542	LAGET	JM	10-1294	KERNREAKTIO	430
		12-1408	KERNREAKTIO	43092	LABARRE	JF	1-1458	MOLEKUELE	52516			10-1302	KERNREAKTIO	430
KUZMINSKI	J	11-2049	KRISTALLE	65584			6-1309	MOLEKUELE	52528			11-1131	KERNSEKTR.	421
		7-1231	KERNREAKTIO	43080			9-1289	MOLEKUELE	52516	LAGHOS	PS	10-1438	ATOME	521
KUZNETSOV	AA	8-1047	STARKE WW.	41775			9-1289	MOLEKUELE	52516	LAGO	B	1-2793	SONNENPHYS.	931
	AM	9-1645	FLUESSIGK.	58520	LABAT	MC	10-1325	KERNREAKTIO	43092	LAGOUTINE	F	5-1028	KERNSEKTR.	421
	EP	8- 611	MASER,LASER	28060	LABBE	J	1-2152	MAGN.EIG.FK	69065			9- 678	KERN-MESSG.	405
	FO	10-1655	PLASMA	57020			1-2153	MAGN.EIG.FK	69065	LAGOWSKI	JJ	9-1715	FLUESSIGK.	585
	GI	7- 175	QUANTENTHEO	16580			4-2277	SUPRALEITG.	70520			11-2853	FK-SPEKTREN	733
	IV	4-1291	KERNREAKTIO	43092			9-1913	MECH.EIG.FK	66514	LAGRANGE	JM	7-1103	KERNSEKTR.	421
	ME	8-2302	LEITFHKG.FK	70072			11-2545	LEITFHKG.FK	70020			10-1139	KERNSEKTR.	421
	SA	2- 685	BESCHLEUNIG	41040	LABELLE JR. HE		4-1838	KRISTALLE	65510			10-1140	KERNSEKTR.	421
	VA	3-1620	KRISTALLE	65516	LABERRIGUE A		2-1791	KRIST.FEHL.	66062	LAGRUE	P	9-1705	FLUESSIGK.	585
		11-1970	KRISTALLE	65510			5- 502	TEILCH.OPT.	27030	LAGRUOVA	J	5-1270	ATOME	521
		11-1972	KRISTALLE	65510			11- 391	TEILCH.OPT.	27030	LAGUTIN	VI	3-2386	HALBLEITER	711
		11-3176	GRENZFL.FK	74535	LABERRIGUE FROLOW J.					LAGUTINSKAYA	LI	8- 449	WAERME	241
		12-2297	KRIST.FEHL.	66062			1- 955	STARKE WW.	41764	LAI	G	6-1279	MOLEKUELE	521
	VF	8-1245	KERNREAKTIO	43092			10- 919	STARKE WW.	41735			4-2091	FK-SPEKTREN	733
	VK	4- 456	AKUSTIK	23540			10- 982	STARKE WW.	41764	LAHAJNAR		9-2518	FK-SPEKTREN	733
		9- 351	AKUSTIK	23530			11- 827	STARKE WW.	41735			12-3072	FK-SPEKTREN	733
	VM	2- 685	BESCHLEUNIG	41040	LABES	MM	7- 49	BUECHER	11020	LAHAYE	B	5-1991	KRIST.FEHL.	660
	VN	10-2088	MECH.EIG.FK	66514			10-1907	KRISTALLE	65510			7-1966	KRIST.FEHL.	660
	VP	3- 145	QUANTENTHEO	16536	LABEYE	JF	8- 494	ELEKTRIZIT.	26016	LAHEY	FJ	2- 262	HYDRODYNAM.	231
		10-1485	ATOME	52075	LABEYRIE	A	5-2883	ASTROPHYSIK	93020	LAI	CC	5-1771	FLUESSIGK.	585
		12-3194	DUENNE SCHI	74040	LABHART	H	9-1658	FLUESSIGK.	58530			2- 755	ELEMENTART.	415
	VV	1-1131	KERNSEKTR.	42565	LABITZKE	KG	11-3279	LUFTHUELLE	90840			7- 990	STARKE WW.	411
		5-1093	KERNSEKTR.	42565	LABREE	CT	3- 623	PHYS.OPTIK	29035			9- 846	STARKE WW.	411
		6- 996	KERNSEKTR.	42565	LABS	D	2- 326	WAERME	24030			5- 886	STARKE WW.	411
		11-1119	KERNSEKTR.	42560			2- 503	OPT.INSTRUM	28510	KW		8-1042	STARKE WW.	411
	YK	6-1473	PLASMA	57055	LABUDA	EF	1- 600	MASER,LASER	28060			11- 893	STARKE WW.	411
KUZNETSOVA	EA	4-2554	DUENNE SCHI	74010			7-1338	PLASMA	57010	W		8- 309	HYDRODYNAM.	231
	EM	6-2503	FK-SPEKTREN	73300	LABUHN	F	5-1262	ATOME	52040			4- 432	HYDRODYNAM.	231
	ES	9- 817	STARKE WW.	41725	LABUTSOV	DA	10- 450	THERMODYN.	24530	LAIDLAW	WG	10- 273	STATISTIK	175
		12- 652	MASER,LASER	28060	LABUSCA	E	5-1940	KRIST.FEHL.	66010	LAIKHTMAN	BD	9-2311	GITTERDYN.	670
	GM	1-2660	GRENZFL.FK	74566	LABZIN	VA	10-1915	KRISTALLE	65518	LAINER	LV	8-1968	KRIST.FEHL.	660
	GN	1-1799	FLUESSIGK.	58530	LABZOVSKY	LN	7-1292	ATOME	52010	LAINIG	EW	9-1450	PLASMA	571
	GP	3-2596	OPT.EIG.FK	73630			10-1416	ATOME	52030			12-3078	FK-SPEKTREN	733
		6-2586	OPT.EIG.FK	73635	LACAZE	A	5- 508	TEILCH.OPT.	27040	LAIRD	MJ	10- 500	ELEKTRIDYN.	261
		8-2604	OPT.EIG.FK	73630			8- 970	STARKE WW.	41730	LISAAR	AI	8-2621	OPT.EIG.FK	733
	LA	12-1611	MOLEKUELE	52524			11- 840	STARKE WW.	41740	LAITINEN	HA	3-1730	KRIST.FEHL.	660
	LI	3-2017	DIELEKTRIKA	68030	LACEFIELD	K	2-1835	MECH.EIG.FK	66518	LAJ	C	2-2406	HALBLEITER	711
	MY	1-1131	KERNSEKTR.	42565	LACEY	RF	2- 378	ELEKTRIZIT.	26014			5-2141	DIELEKTRIKA	671
	RI	3-2627	DUENNE SCHI	74030	LACH	J	1- 760	BESCHLEUNIG	41020	LAJTAI	A	12-1399	KERNREAKTIO	431
		5-2716	DUENNE SCHI	74030			2- 827	STARKE WW.	41745	LAJZEROWICZ	J	2-2508	FK-SPEKTREN	733
	VV	7-2433	FK-SPEKTREN	73325	LACHKAR	J	10-1128	KERNSEKTR.	42555	LAKE	GJ	2-1826	MECH.EIG.FK	660
		10-2582	FK-SPEKTREN	73325	LACHS	G	2- 73	MATH.PHYSIK	16040	LAKHOVIZKAYA V.A.		1-2337	HALBLEITER	711
KUZNIA	C	12-3080	FK-SPEKTREN	73370	LACINA	J	1-1537	PLASMA	57023			5- 88	LABORTECHN.	122
KUZNIETZ	M	5-2168	FK-SPEKTREN	73370			5-1551	PLASMA	57026	LAKIN	RW	10- 968	STARKE WW.	411
		11-2462	MAGN.EIG.FK	69060			12-2395	GITTERDYN.	67040			10-2047	KRIST.FEHL.	660
		12-3082	FK-SPEKTREN	73370	LACKLISON	DE	2-2166	MAGN.EIG.FK	69070	LAKOMKIN	YA	5-1166	KERNREAKTIO	431
		12-1611	MOLEKUELE	52524			3-2076	FK-SPEKTREN	73360			8-1229	KERNREAKTIO	431
KUZYAKOV	YY	8-1879	KRISTALLE	65570			3-2412	HALBLEITER	71550			11-1080	KERNSEKTR.	421
KVACHAUS	VG	1- 635	OPT.INSTRUM	28545			12-2594	MAGN.EIG.FK	69070	LAKSHMINARAYANA V.		5-1076	KERNSEKTR.	421
KVASHNINA	LB	1-2710	GEOMAGNET.	90470			9-1350	MOLEKUELE	52575			6-1243	ATOME	521
KVASKOV	LY	5-2827	LUFTHUELLE	90870	LACHMANN	K	8-1834	KRISTALLE	65510			10-1206	KERNREAKTIO	431
KWIFE	GJ	3-2406	HALBLEITER	71540			6-2874	SONNENPHYS.	93328	LAKSHMINARAYANAI AH N.		12-1239	KERNSEKTR.	421
		3-1588	FLUESSIGK.	58565	LACOMBE	C	2-2704	ERDKOERPER	90260			11-1923	FLUESSIGK.	585
KVIMSADZE	MY	5-1809	FLUESSIGK.	58565			3-2633	DUENNE SCHI	74040	LAL	B	4-1242	KERNREAKTIO	431
KVIST	A	9-2023	THERMEIG.FK	67550			11- 846	STARKE WW.	41740			6-2898	PLANETEN	933
		9-2333	HALBLEITER	71585	LACOSTE	F	12-2241	KRIST.FEHL.	66025			4-1912	KRIST.FEHL.	660
		10-2023	KRIST											

LALOE - LARKINS

DE F	6-1190	ATOME	52030	LANDER RL	6- 836	STARKE WW.	41770	LANGHAM WH	11-3474	BIOPHYSIK	96040	
11- 429	MASER, LASER	28000	LANDIS DA	11- 589	KERN-MESSG.	40520	LANGHOFF H	1-1080	KERNSPEKTR.	42550		
11- 888	STARKE WW.	41764	12- 104	LABORTECHN.	12520	1-1092	KERNSPEKTR.	42555	3- 969	KERNSPEKTR.	42565	
10-2706	OPT.EIG.FK	73610	LANDKAMMER FJ	1-2653	GRENZFL.FK	74555	5-1096	KERNSPEKTR.	42570	10-1108	KERNSPEKTR.	42550
4-1096	KERNSPEKTR.	42545	LANDLER PFJ	11-3057	DUEENNE SCHI	74010	10-1133	KERNSPEKTR.	42560	3-1146	ATOME	52010
3-2088	MAGN.EIG.FK	69025	LANDMAN A	3-1529	GASE	58060	7-1283	ATOME	52010	1- 724	KERN-MESSG.	40518
1- 152	QUANTENTHEO	16526	DA	3-1141	ATOME	52030	4- 787	KERN-MESSG.	40518	12- 397	ELASTIZIT.	22520
8-2213	MAGN.EIG.FK	69065	LANDMANN D	1-1384	ATOME	52030	1-2561	OPT.EIG.FK	73640	4-2529	OPT.EIG.FK	73625
5- 249	FELDTHEORIE	18020	DA	1-1385	ATOME	52030	5-2669	OPT.EIG.FK	73655	10-2710	OPT.EIG.FK	73625
9-1558	PLASMA	57260	LANDOLT AU	9-2945	STERNE	94050	2-2222	LEITFHGK.FK	70053	3-1533	FLUESSIGK.	58520
8- 671	OPT-INSTRUM	28570	MK	2- 40	MESSEN	12215	8-1720	FLUESSIGK.	58520	11-2323	MAGN.EIG.FK	69010
9-1717	FLUESSIGK.	58573	LANDOLT BOERNSTEIN	12- 71	BUECHER	11000	1-1218	KERNREAKTIO	43052	11-1240	KERNREAKTIO	43050
10- 672	OPT-INSTRUM	28570	12- 1581	MOLEKUELE	52575	1-125	QUANTENTHEO	16516	7- 137	QUANTENTHEO	16516	
6-1526	PLASMA	57206	LANDON SA	4- 283	QU.FELDTHEO	17050	12- 180	QUANTENTHEO	16516	3-1986	THERMEITG	67520
7-1618	PLASMA	57266	LANDOVITZ LF	9- 909	KERNSTRUKT.	42075	1- 954	STARKE WW.	41764	3- 764	ELEMENTART.	41574
12-2052	FLUESSIGK.	58565	LANDOWNE S	8- 464	WAERME	24060	6-1878	KRIST.FEHL.	66015	7-1872	KRIST.FEHL.	66015
3-2353	METAL.LEITG	71010	LANDRAME CS	8- 668	OPT-INSTRUM	28570	4-1791	FLUESSIGK.	58543	3-2827	IONOSPHERE	91050
4- 467	WAERME	24023	LANDRY MJ	3-2496	FK-SPEKTREN	73325	12-3393	SonnenPHYS.	93320	12-1714	POLYMERE	53544
3- 934	KERNSPEKTR.	42545	RJ	12-1968	FLUESSIGK.	58530	12-1714	POLYMERE	53544	4-1798	FLUESSIGK.	58550
4-2739	LUFTHUELLE	90860	12-2838	PHOTOLEITG.	72510	7- 498	HF-TECHNIK	27526	11- 173	STATISTIK	17520	
6-2158	DIELEKTRIKA	68050	EG	6- 184	STATISTIK	17520	8-1291	KERNSTRHLG.	44030	7-2803	MAGNETOSPH.	91226
7-1707	FLUESSIGK.	58530	PT	9- 487	MASER, LASER	28030	12- 959	ELEMENTART.	41574	7-2448	FK-SPEKTREN	73330
6- 934	KERNSPEKTR.	42545	11- 346	THERMODYN.	24510	5-2624	OPT.EIG.FK	73610	5-2625	OPT.EIG.FK	73610	
8- 953	STARKE WW.	41725	5- 859	STARKE WW.	41700	5-2625	OPT.EIG.FK	73610	7- 654	OPT-INSTRUM	28570	
9- 814	STARKE WW.	41725	6- 200	STATISTIK	17560	8-2464	FK-SPEKTREN	73325	11-2097	KRIST.FEHL.	66030	
3- 474	MASER, LASER	28000	7- 841	ELEMENTART.	41540	12- 694	OPT-INSTRUM	28570	5- 838	ELEMENTART.	41574	
2- 463	MASER, LASER	28035	12- 259	QUANTENTHEO	16582	10-1506	MOLEKUELE	52512	10-1569	MOLEKUELE	52560	
8- 570	MASER, LASER	28035	6-2471	HALBLEITER	71570	6- 643	BESCHLEUNIG	41040	6- 725	ELEMENTART.	41574	
9- 483	MASER, LASER	28020	7-2395	PHOTOLEITG.	72530	7- 920	STARKE WW.	41725	10-2360	LEITFHGK.FK	70024	
12-1097	STARKE WW.	41762	11-2795	PHOTOLEITG.	72510	6- 704	ELEMENTART.	41546	8-1032	STARKE WW.	41764	
9-1044	KERNREAKTIO	43054	2-1679	KRISTALLE	65574	12- 989	STARKE WW.	41710	9- 739	ELEMENTART.	41543	
8- 68	UNTERRICHT	12030	8-1888	KRISTALLE	65574	9- 739	ELEMENTART.	41543	12- 820	STARKE WW.	41740	
8-2483	FK-SPEKTREN	73330	1-2328	HALBLEITER	71520	6- 719	ELEMENTART.	41572	8- 927	STARKE WW.	41700	
12-2342	MECH.EIG.FK	66516	10- 54	TAGUNGEN	10560	1- 287	FELDTHEORIE	18060	2- 206	FELDTHEORIE	18020	
9-2646	DUEENNE SCHI	74050	8-2687	GRENZFL.FK	74535	2- 212	FELDTHEORIE	18040	2- 304	AKUSTIK	23520	
11-3108	DUEENNE SCHI	74050	LANDY M	1-1860	KRISTALLE	65584	8- 308	AKUSTIK	23540	1- 483	ELEKTRODYN.	26530
12-2473	DIELEKTRIKA	68020	LANDYSHEV AV	7- 598	OPT-INSTRUM	28513	10- 813	BESCHLEUNIG	41040	12- 894	BESCHLEUNIG	41030
12-3150	OPT.EIG.FK	73655	AL	4-1170	KERNREAKTIO	43005	7- 383	WAERME	24026	7- 520	MASER, LASER	28000
5-2892	SonnenPHYS.	93314	AM	9-2253	METAL.LEITG	71010	11-1972	KRISTALLE	65510	2-2650	GRENZFL.FK	74530
10-2962	SonnenPHYS.	93322	GS	2-1737	KRIST.FEHL.	66020	8-2691	GRENZFL.FK	74535	1-1824	FK-SPEKTREN	73315
6-2813	LUFTHUELLE	90890	JE	4-1471	MOLEKUELE	52580	5- 594	MASER, LASER	28060	3-2344	SUPRALEITG.	70560
5-2892	ERDKUERPER	90250	NF	6-2247	MAGN.EIG.FK	69035	3-2542	OPT.EIG.FK	73610	8-2335	SUPRALEITG.	70530
4-2452	FK-SPEKTREN	73330	R	12-1450	KERNSTRHLG.	44030	3-2819	IONOSPHERE	91020	1-2515	OPT.EIG.FK	73610
7-2533	OPT.EIG.FK	73605	RG	3- 464	HF-TECHNIK	27540	11-1856	GASE	58025	4-1609	PLASMA	57050
5- 655	PHYS.OPTIK	29010	T	8-2746	LUFTHUELLE	90810	4-2550	DUEENNE SCHI	74010	8-1965	KRIST.FEHL.	66035
12- 674	OPT-INSTRUM	28540	AT	1-1884	KRIST.FEHL.	66035	5-2855	IONOSPHERE	91070	12-3240	GRENZFL.FK	74535
12-3090	FK-SPEKTREN	73380	LANE SMITH DR	6-2026	MECH.EIG.FK	66516	8-3000	KOSM.PHYSIK	94560	1-1874	KRIST.FEHL.	66025
1-1077	KERNSPEKTR.	42545	LANES T	8- 711	PHYS.OPTIK	29038	6-1783	KRISTALLE	65510	12-3228	GRENZFL.FK	74520
2-1064	KERNREAKTIO	43064	LANG	11-171	KERNREAKTIO	43008	2-2042	FK-SPEKTREN	73355	4- 679	OPT-INSTRUM	28545
2-1066	KERNREAKTIO	43064	B	10- 86	MESSEN	12250	10- 359	ELASTIZIT.	22530	11-2768	HALBLEITER	71580
2-1067	KERNREAKTIO	43064	DW	10-2531	FK-SPEKTREN	73310	9-2576	OPT.EIG.FK	73625	1-1672	PLASMA	57020
2-1759	KRIST.FEHL.	66030	G	10-2532	FK-SPEKTREN	73310	8-1588	PLASMA	57033	8-1664	PLASMA	57020
5-1168	KERNREAKTIO	43075	IG	10-2385	LEITFHGK.FK	70053	10- 874	ELEMENTART.	41574	11- 749	ELEMENTART.	41574
6-1909	KRIST.FEHL.	66030	J	7-1186	KERNREAKTIO	43052	11- 749	ELEMENTART.	41574	3- 539	MASER, LASER	28055
6-1910	KRIST.FEHL.	66030	9-1413	POLYMERE	53540	7-1989	MECH.EIG.FK	66516	2-2076	MAGN.EIG.FK	69020	
7-1064	KERNSPEKTR.	42540	11-2044	KRISTALLE	65584	12-2342	MECH.EIG.FK	66516	4-1194	KERNREAKTIO	43014	
10-1285	KERNREAKTIO	43064	K	8- 646	OPT-INSTRUM	28545	4-2480	OPT.EIG.FK	73610	5-2253	MAGN.EIG.FK	69030
11-1292	KERNREAKTIO	43060	4- 681	OPT-INSTRUM	28550	7-2396	OPT.EIG.FK	73605	9-2218	KERNSPEKTR.	42545	
12-2447	THERMEITG.	67553	ND	11-2439	MAGN.EIG.FK	69060	9-1727	DISP.SYST.	59510	12-1229	KERNSPEKTR.	42545
5- 92	LABORTECHN.	12570	RH	12-1794	PLASMA	57075	2-1908	GITTERDYN.	67060	10-1509	MOLEKUELE	52514
11- 375	ELEKTRODYN.	26510	W	1- 609	OPT-INSTRUM	28513	3- 451	HF-TECHNIK	27530	12-1295	KERNSPEKTR.	42575
7-1403	MOLEKUELE	52524	H	3- 525	MASER, LASER	28055	1-2161	LEITFHGK.FK	70020	6-1783	KRISTALLE	65510
11-1532	MOLEKUELE	52526	LANG DE	8-2726	GEOMAGNET.	90410	6-1783	KRISTALLE	65510	4-1891	KRISTALLE	65584
4- 851	BESCHLEUNIG	41040	LANGAN L	11-2112	KRIST.FEHL.	66035	6-1783	KRISTALLE	65510	7-2026	MECH.EIG.FK	66556
2-1659	FK-SPEKTREN	73310	LANGDON TG	2- 60	VAKUUM	13030	4-311	STATISTIK	17566	12-1988	FLUESSIGK.	58535
2-1660	FK-SPEKTREN	73310	W	4-2650	GRENZFL.FK	74580	2- 528	OPT-INSTRUM	28545	5- 625	OPT-INSTRUM	28545
11-2819	FK-SPEKTREN	73310	D	2- 669	BESCHLEUNIG	41000	3-2203	LEITFHGK.FK	70024	4- 506	ELEKTIZIT.	26000
10-2812	GRENZFL.FK	74535	F	9- 426	ELEKTIZIT.	26030	11-2574	LEITFHGK.FK	70056	2-1839	MECH.EIG.FK	66540
6-1199	ATOME	52045	FF	9-1680	FLUESSIGK.	58546	6-2063	MECH.EIG.FK	66556	10-2697	OPT.EIG.FK	73610
9- 105	MATH.PHYSIK	16020	7-1928	MECH.EIG.FK	66516	3- 275	FELDTHEORIE	18050	5-2228	MAGN.EIG.FK	69025	
7-2707	GEOMAGNET.	90440	7-1989	MECH.EIG.FK	66516	7-2253	SUPRALEITG.	70510	9-2146	MAGN.EIG.FK	69060	
8- 435	AKUSTIK	23570	12-2342	MECH.EIG.FK	66516	8-1740	FLUESSIGK.	58525	10-1820	FLUESSIGK.	58525	
11- 888	STARKE WW.	41764	H	4-2480	OPT.EIG.FK	73610	2- 961	KERNSPEKTR.	42545	8-1155	KERNSPEKTR.	42560
7-2573	OPT.EIG.FK	73670	TI	7-2396	OPT.EIG.FK	73605	7-1514	PLASMA	57023	1- 507	TEILCH.OPT.	27030
10- 339	MECHANIK	22034	W	9-1727	DISP.SYST.	59510	2- 423	TEILCH.OPT.	27030	5- 497	TEILCH.OPT.	27030
10-1038	KERNSTRUKT.	42070	CA	3- 451	HF-TECHNIK	27530	7-2597	DUEENNE SCHI	74020	1-1185	KERNREAKTIO	43024
1-1202	KERNREAKTIO	43044	PH	10-1509	MOLEKUELE	52514	3- 935	KERNSPEKTR.	42545	5-1053	KERNSPEKTR.	42545
12-1370	KERNREAKTIO	43064	RC	12-1295	KERNSPEKTR.	42575	12-1229	KERNSPEKTR.	42545	10-3148	STRAHL-BIOL	97020
11- 256	ELASTIZIT.	22510	RV	1-2161	LEITFHGK.FK	70020	10-3149	STRAHL-BIOL	97020	10-3149	STRAHL-BIOL	97020
3- 388	THERMODYN.	24554	TI	6-1783	KRISTALLE	65510						
9-2514	FK-SPEKTREN	73370	VN	4-1891	KRISTALLE	65584						
7-1078	KERNSPEKTR.	42545	W	6-1783	KRISTALLE	65510						
6- 552	KERN-MESSG.	40512	Y	7-2026	MECH.EIG.FK	66556						
12-2010	FLUESSIGK.	58550	CA	4-311	STATISTIK	17566						
7-2713	GEOMAGNET.	90470	PH	12-1988	FLUESSIGK.	58535						
12-1003	STARKE WW.	41725	DN	2- 528	OPT-INSTRUM	28545						
1- 118	MATH.PHYSIK	16040	5- 625	OPT-INSTRUM	28545							
9-1142	KERNSTRHLG.	44010	3-2203	LEITFHGK.FK	70024							
10-1371	KERNSTRHLG.	44010	4- 506	ELEKTIZIT.	26000							
12-2435	THERMEITG.	67530	11-2574	LEITFHGK.FK	70056							
2- 225	FELDTHEORIE	18050	2-1839	MECH.EIG.FK	66540							
7-1773	FLUESSIGK.	58573	6-2063	MECH.EIG.FK	66556							
4-1923	KRIST.FEHL.	66030	10-2697	OPT.EIG.FK	73610							
3- 539	MASER, LASER	28055	3- 275	FELDTHEORIE	18050							
1- 323	HYDRODYNAM.	23020	5-2228	MAGN.EIG.FK	69025							
3- 316	HYDRODYNAM.	23040	7-2253	SUPRALEITG.	70510							
11-2914	FK-SPEKTREN	73355	8-1740	FLUESSIGK.	58525							
3-1549	FLUESSIGK.	58527	9-2146	MAGN.EIG.FK	69060							

LARMORE - LAZUTKIN

LARMORE	L	5-360	AKUSTIK	23530	LAU	MSH	11-1457	ATOME	52070	LAVRUSHIN	VF	12-1634	MOLEKUELE	52
LARNER	D	6-939	KERNSEKTR.	42545	LAUB	T	11-1458	ATOME	52070	LAW	HC	3-2236	LEITFHGK.	70
LAROCK	BE	3-301	HYDRODYNAM.	23020	LAUBE	B	6-1950	KRIST.FEHL.	66035	SE	12-3386	SONNENPHYS.	93	
LARRABEE	JC	1-1355	ATOME	52024	LAUBERT	R	11-1035	KERNSEKTR.	42540	TJ	10-2765	DUENNE SCHI	74	
		4-1501	MOLEKUELE	52526	LAUBITZ	HJ	11-1390	KERNSTRHLG.	44035	P	2-2243	LEITFHGK.	70	
		5-1250	ATOME	52024			5-2668	OPT.EIG.FK	73655		9-2198	LEITFHGK.	70	
		9-1176	ATOME	52024			7-2298	METAL.LEITB.	71010	LAWERGRN	B	8-1226	KERNREAKTIO	43
LARRAS	RD	1-2016	DIELEKTRIKA	68020	LAUDE	JP	9-2008	THERMEIG.FK	67520	BT	7-1081	KERNSEKTR.	42	
LARRIMORE	J	5-342	HYDRODYNAM.	23040			6-489	OPT.INSTRUM	28545		10-1093	KERNSEKTR.	42	
LARRIQUE	JA	2-1102	K-REAKTOREN	43510	LAUDISE	RA	11-1962	KRISTALLE	65510	LAWLER	RG	8-1448	MOLEKUELE	52
LARROQUE	P	1-1844	KRISTALLE	65572	LAUDISE	H	2-1232	MOLEKUELE	52512	PA	12-2705	SUPRALEITB.	70	
LARSEN	CM	12-1940	FLUESSIGK.	58510	LAUDISE	R	6-2997	BIOPHYSIK	96000	WN	2-1960	DIELEKTRIKA	68	
	DM	1-2532	OPT.EIG.FK	73610	LAUER	R	7-820	BESCHLEUNIG	41010		3-2020	DIELEKTRIKA	68	
		5-2382	LEITFHGK.FK	70076	LAUFENBERG	JF	8-790	KERN-MESSG.	40955	LAWLEY	A	7-1884	KRIST.FEHL.	66
		6-2346	LEITFHGK.FK	70072	LAUGHLIN	C	9-1196	ATOME	52040	KP	9-1872	KRIST.FEHL.	66	
		9-2204	LEITFHGK.FK	70072	LAUGHON	RB	1-68	LABORTECHN.	12510	N	4-1551	MOLEKUELE	52	
		11-2735	HALBLEITER	71563	LAUGIER	JP	2-1065	KERNREAKTIO	43064	BR	6-2026	MECH.EIG.FK	66	
FL		10-768	BESCHLEUNIG	41040			3-1072	KERNREAKTIO	43064	R	11-2783	PHOTOLEITB.	72	
G		12-1432	K-REAKTOREN	43520	LAULICHT	I	12-1661	MOLEKUELE	52560	CP	7-2637	GRENZFL.FK	74	
JS		1-1133	KERNSEKTR.	42565	LAUMANN	R	12-1038	STARKE WW.	41735	FO	2-996	KERNSEKTR.	42	
NT		7-67	LABORTECHN.	12520	LAUNOIS	D	9-501	MASER,LASER	28040	6P	12-1140	KERNSEKTR.	42	
PK		10-2144	GITTERDYN.	67040			10-2370	LEITFHGK.FK	70024	JG	4-477	WAERME	24	
R		9-2739	GEOMAGNET.	90470	LAUQUE	JP	12-2209	KRISTALLE	65588	JJ	6-1392	POLYMERE	53	
RG		8-777	KERN-MESSG.	40542	LAURA	PA	5-400	WAERME	24060	PE	7-2174	MAGN.EIG.FK	69	
RD		8-1895	KRISTALLE	65580			9-256	MECHANIK	22020	R	2-1585	FLUESSIGK.	58	
RN		1-734	KERN-MESSG.	40540			9-376	WAERME	24050		7-2862	PLANETEN	93	
		7-763	KERN-MESSG.	40520	LAURAT	M	3-1030	KERNREAKTIO	43044	RM	9-1642	FLUESSIGK.	58	
RR		3-804	STARKE WW.	41730			10-1227	KERNREAKTIO	43044	RW	3-591	OPT.INSTRUM	28	
T		4-587	HF-TECHNIK	27550	LAURENS	G	10-1236	KERNREAKTIO	43046	WE	6-2728	GRENZFL.FK	74	
AC		3-1668	KRISTALLE	65570			3-780	STARKE WW.	41710	LAWRENCE JR.	J.D.	11-3283	LUFTHUELLE	90
CW		8-1485	MOLEKUELE	52575			4-929	STARKE WW.	41710	PW	8-652	OPT.INSTRUM	28	
DB		8-2061	MECH.EIG.FK	66593	LAURENSEN	L	7-108	VAKUUM	13060	B	6-476	OPT.INSTRUM	28	
DC		9-2637	DUENNE SCHI	74040			7-117	VAKUUM	13060	N	1-316	ELASTIZIT.	22	
G		5-1628	PLASMA	57206	LAURENT	C	1-485	ELEKTRODYN.	26530	AC	10-1862	FLUESSIGK.	58	
GS		7-1662	GAZE	58030			2-45	MESSEN	12250	AW	3-2516	FK-SPEKTREN	73	
HP		2-1507	GAZE	58025			3-2725	GEOMAGNET.	90450		5-2017	MECH.EIG.FK	66	
		5-624	OPT.INSTRUM	28545			10-1287	KERNREAKTIO	43064		6-2213	FK-SPEKTREN	73	
		10-1405	ATOME	52024			9-1309	MOLEKUELE	52536		7-1814	KRISTALLE	65	
HW		6-2648	DUENNE SCHI	74020			7-405	WAERME	24060		10-2468	HALBLEITER	71	
JD		9-698	BESCHLEUNIG	41020			9-374	WAERME	24040	BL	3-1105	KERNSTRHLG.	44	
LP		9-1195	PLASMA	57010	LAURES	P	5-582	MASER,LASER	28055	JD	10-815	BESCHLEUNIG	41	
MO		6-2783	KOSM.STRLG.	90640	Laurie	VW	1-1482	MOLEKUELE	52543		12-893	BESCHLEUNIG	41	
RE		9-1010	KERNREAKTIO	43026	LAURIKAINEN	KV	2-825	STARKE WW.	41740	JR	12-2916	FK-SPEKTREN	73	
SH		8-2871	PLANETEN	93610	LAURINAVICHUS	A.K.	11-2797	PHOTOLEITB.	72510	KD	12-2029	FLUESSIGK.	58	
KE		1-1734	FLUESSIGK.	58520			12-1207	KERNSEKTR.	42540	KE	8-2470	FK-SPEKTREN	73	
		4-1755	FLUESSIGK.	58520	LAURITSEN	T				PA	8-1073	KERNSTRUKT.	42	
		9-1681	FLUESSIGK.	58546	LAURITZEN JR.	J.I.	11-1616	POLYMERE	53535	PG	7-1135	KERNSEKTR.	42	
		12-1942	FLUESSIGK.	58510			6-568	KERN-MESSG.	40518	RD	3-942	KERNSEKTR.	42	
S		12-1460	ATOME	52010	LAUSTRIAT	G	11-3015	OPT.EIG.FK	73625		5-1024	KERNSEKTR.	42	
JJ		2-2771	IONOSPHAERE	91030			12-1702	MOLEKUELE	52590		7-1061	KERNSEKTR.	42	
FJ		10-538	HF-TECHNIK	27540	LAUSTSEN	S	3-2851	ASTROPHYSIK	93020		11-988	KERNSTRUKT.	42	
RA		11-1320	KERNREAKTIO	43075	LAUT	P	6-2238	MAGN.EIG.FK	69030	RW	12-1169	KERNSTRUKT.	42	
LA		9-1312	MOLEKUELE	52538	LAUTSCHLAGER	E.P.	2-1678	KRISTALLE	65574	WH	7-96	VAKUUM	13	
J		9-1923	MECH.EIG.FK	66514			4-131	LABORTECHN.	12510	J	6-2633	DUENNE SCHI	74	
MA		11-2508	MAGN.EIG.FK	69065	LAUTERBORN	W	12-457	HYDRODYNAM.	23070	B	1-2525	OPT.EIG.FK	73	
		12-2514	MAGN.EIG.FK	69010	LAUTERJUNG	KH	4-1147	KERNSEKTR.	42570		5-2339	LEITFHGK.FK	70	
LASHER	LE	3-645	PHYS.OPTIK	29066	LAUTRUP	B	9-189	QU.FELDTHEO	17020	M	6-2464	HALBLEITER	71	
LASHITSKAYA	RK	7-593	MASER,LASER	28060	LAUTZ	G	2-2382	HALBLEITER	71566		1-2248	LEITFHGK.FK	70	
LASHKAREV	GV	8-2220	MAGN.EIG.FK	69065			3-2230	LEITFHGK.FK	70056		3-212	STATISTIK	17	
VE		3-2465	PHOTOLEITB.	72510	LAUTZENHISER	T.V.	2-1492	GASENTLADG.	57880		4-288	STATISTIK	17	
		5-2538	PHOTOLEITB.	72510			8-753	KERN-MESSG.	40510		4-612	MASER,LASER	28	
		7-2394	PHOTOLEITB.	72510	LAUZON	AF	10-1866	FLUESSIGK.	58560		4-613	MASER,LASER	28	
LASHKO	AS	12-1989	FLUESSIGK.	58535	LAVAGNINO	B	1-2719	KOSM.STRLG.	90630	LAXMI	S	8-563	MASER,LASER	28
LASHUK	AI	11-1225	KERNREAKTIO	43044	LAVAKARE	PJ	2-2836	SONNENPHYS.	93340		4-461	AKUSTIK	22	
NA		2-685	BESCHLEUNIG	41040			10-2959	SONNENPHYS.	93316	LAY	8-1717	FLUESSIGK.	58	
LASINGER	F	1-1298	KERNSTRHLG.	44010	LAVAL	G	2-1378	PLASMA	57095	FMT	6-2195	FK-SPEKTREN	73	
LASINSKI	T	7-923	STARKE WW.	41730			2-1386	MAGN.	57075	LAYDEVANT	L	1-103	VAKUUM	13
LASJAUNIAS	JC	1-2671	GRENZFL.FK	74570	LAVALLETTE	D	2-2812	MAGNETOSPH.	91226	HP	8-2666	GRENZFL.FK	74	
LASK	S	6-318	THERMODYN.	24594	LAVALLARD	P	8-1611	PLASMA	57055	RB	7-2066	GITTERDYN.	67	
		5-1680	GASENTLADG.	57840	LAVALLÉE	JL	9-1480	PLASMA	57055	RPW	4-2634	GRENZFL.FK	74	
		8-1631	PLASMA	57070			9-1484	PLASMA	57055	LAYTON	CK	4-2543	DUENNE SCHI	74
LASKAR	W	7-1065	KERNSEKTR.	42540	LAVEDAN	LJ	10-1650	PLASMA	57017	JK	3-1182	MOLEKUELE	52	
		7-1294	ATOME	52020	LAVERICK	C	7-697	PHYS.OPTIK	29048		6-1215	ATOME	52	
LASKER	BM	5-2938	KOSM.PHYSIK	94520			9-2575	OPT.EIG.FK	73625	LAYZER	A	1-245	STATISTIK	17
LASKY	EZ	6-290	AKUSTIK	23560	LAVALLÉE	JL	1-2546	OPT.EIG.FK	73605		7-1694	FLUESSIGK.	58	
LASOTA	JP	1-2826	KOSM.PHYSIK	94500	LAVALLÉE	JL	2-2897	SEHEN	96614	D	1-2737	LUFTHUELLE	90	
LASRY	J	7-1598	PLASMA	57235	LAVALLÉE	JL	2-2897	SEHEN	96614		2-2878	KOSM.PHYSIK	94	
LASSALE	J	6-1583	GASENTLADG.	57880	LAVEDAN	LJ	10-537	HF-TECHNIK	27540		10-2890	LUFTHUELLE	90	
		6-1584	GASENTLADG.	57880	LAVERICK	C	9-2244	SUPRALEITB.	70595	LAZAR	I	11-40	UNTERRICHT	11
LASSALLE	JC	3-848	STARKE WW.	41764			10-785	BESCHLEUNIG	41020	NP	1-2571	OPT.EIG.FK	73	
LASSEN	NO	11-886	STARKE WW.	41764	LAVERRIERE	G	1-743	KERN-MESSG.	40560	LAZARENKO	LA	11-757	ELEMENTART.	43
		2-1137	KERNSTRHLG.	44030			8-1059	KERNSTRUKT.	42010	VR	3-909	KERNSEKTR.	42	
		5-1227	KERNSTRHLG.	44030	LAVES	F	8-1912	KRISTALLE	65588	AI	1-2744	LUFTHUELLE	90	
		10-755	KERN-MESSG.	40582	LAVIELLE	L	8-2123	DIELEKTRIKA	68020	BG	2-1852	MECH.EIG.FK	66	
		12-1454	KERNSTRHLG.	44030	LAVILLE	JL	11-794	STARKE WW.	41725		4-2496	OPT.EIG.FK	73	
LASSERE	P	8-2378	HALBLEITER	71520	LAVINE	JM	9-516	MASER,LASER	28050		12-2716	SUPRALEITB.	70	
LASSETTRE	EN	3-1264	MOLEKUELE	52580			11-453	MASER,LASER	28050	LM	3-188	QUANTENTHEO	11	
		3-1265	MOLEKUELE	52580	LAVIRON	M	3-401	ELEKTIZIT.	26060		6-153	QUANTENTHEO	11	
		4-1534	MOLEKUELE	52580	LAVIS	DA	8-2209	MAGN.EIG.FK	69060		11-1168	KERNREAKTIO	43	
LASSIER	B	12-2461	DIELEKTRIKA	68000	LAVKINA	AF	11-2350	MAGN.EIG.FK	69025	RG	8-2894	PLANETEN	9	
LASSILA	KE	2-815	STARKE WW.	41740	LAVOIE	L	8-632	OPT.INSTRUM	28530	SD	4-2494	OPT.EIG.FK	73	
		5-967	STARKE WW.	41764	LAVOISARD	JL	1-519	TEILCH.OPT.	27068		5-2520	PHOTOLEITB.	72	
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LASSNER	O	11-3473	BIOPHYSIK	96040	LAVOREL	J	6-1755	FLUESSIGK.	58573	VB	8-2672	GRENZFL.FK	74	
		7-215	QU.FELDTHEO	17060	LAVRENKO	NI	8-336	MECHANIK	22010	VI	4-2754	IONOSPHAERE	9	
LATAL	HG	5-436	THERMODYN.	24530	LAVRENTIEV	IV	4-1641	PLASMA	57053	EV	4-1697	PLASMA	5	
LATHAM	DJ	7-2761	LUFTHUELLE	90880	LAVRENTIEVA	LG	6-2412	HALBLEITER	71510	LS	4-2312	SUPRALEITB.	70	
		7-344	HYDRODYNAM.	23070			9-2643	DUENNE SCHI	74040		4-2496	OPT.EIG.FK	73	
		5-2150	DIELEKTRIKA	68030	LAVRENTIEV	MM	5-33	BUECHER	11020	MB	3-1876	MECH.EIG.FK	66	
LATHROP	WN	3-2341	SUPRALEITB.	70560	LAVRENTYEV	IV	1-75	PLASMA	57053	D	9-2641	DUENNE SCHI	74	
KD		4-1313	KERNSTRHLG.	44010			6-1455	PLASMA	57045		11-3352	MAGNETOSPH.	9	
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MARI	JP	4-2586	DUENNE SCHI	74050	LEBIHAN	MT	11-2044	KRISTALLE	65584	LEE	L	5-2741	DUENNE SCHI	74065
WANG KHOI	AT	11-2980	FK-SPEKTREN	73370	LEBL	M	1-2461	FK-SPEKTREN	73320	LH	4-1570	POLYMER	53540	
	C	8-966	STARKE WW.	41730	LEBLANC	LJ	5-616	OPT.INSTRUM	28530	LL	1-349	HYDRODYNAM.	23030	
		3-2683	GRENZFL.FK	74570			10-2686	OPT.EIG.FK	73605	ML	3-2032	FK-SPEKTREN	73370	
		11-3193	GRENZFL.FK	74570		MAR	1-2285	SUPRALEITG.	70520	MJG	10-2367	LEITFHGK.FK	70024	
	RM	11-893	STARKE WW.	41767	LEBLOND	J	4-2282	SUPRALEITG.	70520	PD	3-623	PHYS.OPTIK	29035	
	JSL	6-1643	FLUESSIGK.	58520	LEBOUCHER	JC	5-2383	FK-SPEKTREN	73370	PH	7-2938	KOSM.PHYSIK	94550	
	S	3-636	PHYS.OPTIK	29055	LEBOUTET	H	4-1629	PLASMA	57050		1-574	MASER,LASER	28055	
		4-1507	MOLEKUELE	52528			3-713	BESCHLEUNIG	41040		9-603	PHYS.OPTIK	29035	
		4-1508	MOLEKUELE	52528			6-637	BESCHLEUNIG	41030	PK	2-351	THERMODYN.	24530	
		5-1450	MOLEKUELE	52528	LEBOVITZ	NR	8-2832	ASTROPHYSIK	93000	PM	10-2344	LEITFHGK.FK	70010	
	RB	7-1247	KERNREAKTIO	43092			10-3050	STERN	94030	RA	3-1273	MOLEKUELE	52585	
		11-1175	KERNREAKTIO	43008	LEBOWITZ	JL	3-1907	STATISTIK	67010		12-1916	GASE	58000	
		11-1308	KERNREAKTIO	43064			11-199	STATISTIK	17530	RE	9-2660	GRENZFL.FK	74520	
	RA	6-815	STARKE WW.	41764	LEBRETON	PR	8-1477	MOLEKUELE	52575	RR	1-1303	KERNSTRHLG.	44010	
ABRAND	RL	5-2808	GEOMAGNET.	90470	LEBWOHL	P	6-2366	SUPRALEITG.	70520	RS	3-1372	PLASMA	57050	
BETTER	AJ	9-1659	FLUESSIGK.	58530	LECANDER	RG	3-1283	FK-SPEKTREN	73370		5-2436	METAL.LEITG	71010	
	E	2-818	STARKE WW.	41740			7-2655	GRENZFL.FK	74535	S	11-2953	FK-SPEKTREN	73370	
		3-171	QUANTENTHEO	16578	LECANTE	J	1-743	KERN-MESSG.	40560	SW	2-440	HF-TECHNIK	27530	
		9-852	STARKE WW.	41755	LECHANOINE	C	1-953	STARKE WW.	41764		4-2632	GRENZFL.FK	74550	
	R	5-2387	SUPRALEITG.	70510			5-973	STARKE WW.	41764		5-679	PHYS.OPTIK	29040	
		8-2317	SUPRALEITG.	70520	LECHATON	J	12-2135	KRISTALLE	65545		5-701	PHYS.OPTIK	29060	
	B	3-216	STATISTIK	17520	LECHERT	H	4-2085	FK-SPEKTREN	73370		8-1635	PLASMA	57075	
	GM	9-2665	GRENZFL.FK	74520			9-2508	FK-SPEKTREN	73370	TD	3-730	ELEMENTART.	41540	
	JA	3-1916	GITTERDYN.	67020	LECIEJEWICZ	J	6-2268	MAGN.EIG.FK	69050		7-184	QU.FELDTHEO	17010	
		9-2081	MAGN.EIG.FK	69010			8-2201	MAGN.EIG.FK	69060		8-889	ELEMENTART.	41570	
	HJ	5-2022	MECH.EIG.FK	66514			9-2131	MAGN.EIG.FK	69050		9-756	ELEMENTART.	41560	
		5-2023	MECH.EIG.FK	66514			9-2132	MAGN.EIG.FK	69050		11-688	ELEMENTART.	41540	
		9-1867	KRIST.FEHL.	66035	LECK	JH	2-2649	GRENZFL.FK	74530	TH	9-2555	OPT.EIG.FK	73610	
	EGH	5-368	AKUSTIK	23570	LECKENBY	RE	6-1223	ATOME	52090	TJ	7-2667	GRENZFL.FK	74563	
	CF	1-1159	KERN-SPEKTR.	42575			11-1683	PLASMA	57033	TY	5-956	STARKE WW.	41760	
		2-988	KERN-SPEKTR.	42565	LECLER	D	2-1167	ATOME	52040	W	8-1031	STARKE WW.	41764	
		5-1106	KERN-SPEKTR.	42575			5-1274	ATOME	52030	WWY	1-2308	HALBLEITER	71520	
		10-1151	KERN-SPEKTR.	42565	LECLERC	J	6-1292	MOLEKUELE	52536		1-2309	HALBLEITER	71520	
		10-1163	KERN-SPEKTR.	42575		P	5-568	MASER,LASER	28050	YE	3-1653	FK-SPEKTREN	73310	
		10-1168	KERN-SPEKTR.	42575	LECLUSE	Y	9-554	OPT.INSTRUM	28516	YK	2-980	KERN-SPEKTR.	42565	
		11-1153	KERN-SPEKTR.	42570	LECOLAZET	R	6-1234	ATOME	52065		3-993	KERN-SPEKTR.	42575	
		11-1158	KERN-SPEKTR.	42575	LECOMTE	J	3-2703	ERDKOERPER	90235	YY	6-982	KERN-SPEKTR.	42565	
	AJ	12-527	ELEKTRIZIT.	26060	LECOMTE	J	3-2526	FK-SPEKTREN	73330		2-1881	GITTERDYN.	67010	
	RCH	4-1495	MOLEKUELE	52524	LECORDIER	JC	11-3086	DUENNE SCHI	74030		4-937	STARKE WW.	41725	
		12-33	BIOGRAPHIEN	10220	LECOUSTEY	P	3-1322	PLASMA	57010		5-826	ELEMENTART.	41566	
	MJM	7-42	TAGUNGEN	10560	LECOY	G	3-2421	HALBLEITER	71566		5-956	STARKE WW.	41760	
		8-1901	KRISTALLE	65584	LECRAW	RC	3-2133	MAGN.EIG.FK	69045		6-842	STARKE WW.	41773	
		9-2557	OPT.EIG.FK	73610	LECUYER	J	1-1256	KERNREAKTIO	43075		7-910	STARKE WW.	41725	
		10-2299	MAGN.EIG.FK	69050			4-1243	KERNREAKTIO	43054		10-838	ELEMENTART.	41546	
		11-2480	MAGN.EIG.FK	69060	LEDEBUR VON T		1-1079	KERN-SPEKTR.	42545	LEE FRANZINI J	7-981	STARKE WW.	41764	
	B	7-258	FELDTHEORIE	18010			1-1104	KERN-SPEKTR.	42555	LEE JR.	4-1102	KERN-SPEKTR.	42550	
	WM	10-1707	PLASMA	57080	LEDERER	P	3-1756	KRIST.FEHL.	66025		11-1188	KERNREAKTIO	43014	
	ADW	11-2596	GITTERDYN.	67020			7-2295	METAL.LEITG	71010	LEEDEN VAN DER P.	5-2180	FK-SPEKTREN	73370	
	KD	11-3118	DUENNE SCHI	74050			11-2505	MAGN.EIG.FK	69065		6-2224	MAGN.EIG.FK	69020	
	J	11-2732	HALBLEITER	71560		PS	12-2129	KRISTALLE	65545	LEENER DE M	3-2098	MAGN.EIG.FK	69025	
	M	7-745	KERN-MESSG.	40512	LEDERMAN	L	4-353	MECHANIK	22036	LEENHOUTS	HP	3-939	KERN-SPEKTR.	42545
	A	4-2671	GEOMAGNET.	90400		LM	6-810	STARKE WW.	41760	LEER	E	6-347	ELEKTRODYN.	26520
		11-3314	IONOSPHERE	91050		S	8-859	ELEMENTART.	41543	LEES	J	2-1866	MECH.EIG.FK	66556
		11-3324	IONOSPHERE	91050			9-766	ELEMENTART.	41570		8-2412	HALBLEITER	71566	
	BM	2-2168	MAGN.EIG.FK	69070	LEDINEGG	E	10-1730	PLASMA	57206		9-96	VAKUUM	13030	
		5-2297	MAGN.EIG.FK	69070			1-196	QU.FELDTHEO	17010		11-2812	FK-SPEKTREN	73310	
		7-1960	KRIST.FEHL.	66073	LEDINGHAM	KWD	10-1855	FLUESSIGK.	58555	JK	4-2118	FK-SPEKTREN	73355	
DEFF	SA	7-162	QUANTENTHEO	16560	LEDLEY	BO	10-1080	KERN-SPEKTR.	42545	RA	6-1263	MOLEKUELE	52512	
EDENKO	VN	8-1815	FLUESSIGK.	58573		RS	5-2863	MAGNETOSPH.	91223	LEEUEW DE	FH	1-1592	PLASMA	57050
DEY	AA	1-2417	HALBLEITER	71570	LEDNEVA	TM	11-3475	BIOPHYSIK	96040		6-1524	PLASMA	57203	
		2-2399	HALBLEITER	71570	LEDNOX	P	12-2576	MAGN.EIG.FK	69060	LEEUEWEN VAN J.M.J.	3-1512	GASE	58025	
		5-521	HF-TECHNIK	27540	LEDOVSKAYA	EM	9-2916	STERNE	94030		7-1695	FLUESSIGK.	58525	
		5-522	HF-TECHNIK	27540			10-1927	KRISTALLE	65545		8-1713	GASE	58025	
		6-336	ELEKTRIZIT.	26050	LEDUC	M	12-2261	KRIST.FEHL.	66030		11-1846	GASE	58025	
		11-2665	ELEKTRIZIT.	26060			3-1290	ATOME	52035	WA	10-1774	GASE	58010	
	AM	12-855	KERN-MESSG.	40582			8-1321	ATOME	52030		10-1775	GASE	58010	
		6-853	STARKE WW.	41783		P	9-1192	ATOME	52035	LEFAIVRE	J	3-1213	MOLEKUELE	52512
	AN	6-209	FELDTHEORIE	18020			4-2584	DUENNE SCHI	74050		3-1227	MOLEKUELE	52512	
		11-658	BESCHLEUNIG	41020	LEE	BE	5-2704	DUENNE SCHI	74010		2-383	ELEKTRIZIT.	26060	
	AT	6-1996	KRIST.FEHL.	66065		BW	10-1228	KERNREAKTIO	43046		10-2541	FK-SPEKTREN	73310	
	AV	5-977	STARKE WW.	41764			1-952	STARKE WW.	41764	LEFEBVRE	M	2-383	ELEKTRIZIT.	26060
		6-597	KERN-MESSG.	40555			2-699	ELEMENTART.	41540		5-969	STARKE WW.	41764	
	EA	2-2615	DUENNE SCHI	74040			8-834	ELEMENTART.	41510	LEFEBVRE BRION H.	1-1388	ATOME	52030	
		6-2662	DUENNE SCHI	74040			9-180	QU.FELDTHEO	17015		2-1246	MOLEKUELE	52524	
	IV	3-541	MASER,LASER	28055			9-730	ELEMENTART.	41540		4-1451	MOLEKUELE	52543	
	LE	11-682	ELEMENTART.	41520			9-868	STARKE WW.	41764	LEFEBVRES	F	11-794	STARKE WW.	41725
	MA	7-1637	GASENTLADG.	57850			11-151	QU.FELDTHEO	17010	LEFEUVRE	S	1-535	HF-TECHNIK	27540
	NA	6-993	KERN-SPEKTR.	42565		C	6-1877	KRIST.FEHL.	66015		2-436	TEILCH.OPT.	27058	
	OL	3-1234	MOLEKUELE	52538		CA	2-2353	HALBLEITER	71540		12-562	HF-TECHNIK	27530	
		4-1512	FLUESSIGK.	58573		CH	1-1755	FLUESSIGK.	58535	LEFEVER	R	5-446	THERMODYN.	24594
		9-544	MASER,LASER	28060			1-2596	DUENNE SCHI	74010	LEFEVRE	C	10-88	MESSEN	12250
		9-624	PHYS.OPTIK	29063			8-2564	FK-SPEKTREN	73380		10-3083	KOSM.PHYSIK	94520	
		11-486	MASER,LASER	28060			10-2743	DUENNE SCHI	74000		12-1352	KERNREAKTIO	43050	
	RL	12-954	ELEMENTART.	41563		CL	2-352	THERMODYN.	24530	LEFF	HS	6-105	QUANTENTHEO	16526
	RM	5-750	KERN-MESSG.	40555		DA	4-410	HYDRODYNAM.	23040		11-2351	MAGN.EIG.FK	69025	
	SV	2-407	TEILCH.OPT.	27010			7-1628	GASENTLADG.	57840	LEFFERS	T	10-2104	MECH.EIG.FK	66545
	VA	9-2031	THERM.EIG.FK	67550		DK	4-292	STATISTIK	17523		11-2104	KRIST.FEHL.	66065	
		9-2032	THERM.EIG.FK	67550			5-1744	FLUESSIGK.	58525	LEFKOWITZ	I	4-2466	FK-SPEKTREN	73340
		9-2033	THERM.EIG.FK	67550		DM	1-1804	KRISTALLE	65910		6-2141	DIELEKTRIKA	68020	
	VI	5-552	MASER,LASER	28040			3-1547	FLUESSIGK.	58527		9-2067	DIELEKTRIKA	68050	
		6-643	BESCHLEUNIG	41040			6-2741	ERDKOERPER	90210	LEFORT	M	10-1002	STARKE WW.	41783
		8-2126	DIELEKTRIKA	68020		DW	3-2061	FK-SPEKTREN	73355	LEFRANCOIS	B	12-707	OPT.INSTRUM	28570
DEVA	EY	1-2124	MAGN.EIG.FK	69030		EJ	12-3447	KOSM.PHYSIK	94510		11-1197	KERNREAKTIO	43022	
		12-2547	MAGN.EIG.FK	69030		ETP	4-1413	ATOME	52070	LEFRANK	W	10-58	BUECHER	11000
	WN	1-2433	PHOTOLEITG.	72510		F	5-1838	FLUESSIGK.	58576	LEGASOV	VA	1-1779	FLUESSIGK.	58595
	NS	2-1022	KERNREAKTIO	43040		FD	4-1094	KERN-SPEKTR.	42545	LEGAY	F	10-600	MASER,LASER	28055
		9-1018	KERNREAKTIO	43040			8-1118	KERN-SPEKTR.	42545		12-631	MASER,LASER	28055	
		10-1215	KERNREAKTIO	43040		HJ	5-2286	MAGN.EIG.FK	69065	LEGAY SOMMAIRE N.	10-596	MASER,LASER	28055	
	VN	2-513	OPT.INSTRUM	28526			10-2340	LEITFHGK.FK	70010		12-631	MASER,LASER	280	

LEGG - LETOKHOV

LEGG	TH	6-2970	KOSM.PHYSIK	94560	LEITNER	J	10- 994	STARKE WW.	41775	LEONARD	P	12-2827	THERMOELEKT	7
LEGG	GJF	6-1075	KERNREAKTIO	43056	LEITSCHKIS	DL	6-1784	KRISTALLE	65510	LEONARDI	RF	6-1096	KERNREAKTIO	4
LEGGETT	AJ	10- 284	STATISTIK	17563	LEITZ	W	2- 641	KERN-MESSG.	40520	LEONARDI	C	4-2017	GITTERDYN.	6
LEGIN	EK	8-1732	FLUESSIGK.	58550	LEIVO	WJ	4-2399	PHOTOLEITG.	72510	LEONAS	BV	2-1516	GASE	5
		8-1733	FLUESSIGK.	58520	LEJEUNE	A	5-1143	KERNREAKTIO	43048		P	12-2840	PHOTOLEITG.	7
LEGLER	E	6- 588	KERN-MESSG.	40535			11-1161	KERNREAKTIO	43005		VB	2-1185	MOLEKULE	5
		4-1730	GASENTLADG.	57815		C	5-1648	PLASMA	57250			4-1952	MOLEKULE	5
LEGRAND	AP	12-3247	GRENZFL.FK	74535		G	10-2903	LUFTHUELLE	90870	LEONG	C	8-1351	ATOME	5
	J	5-1028	KERNSPEKTR.	42510			12-3358	IONOSPHERE	91045	LEONHARDT	JL	10-1288	KERNREAKTIO	4
		5-1073	KERNSPEKTR.	42595	LEKNER	J	2-1353	PLASMA	57026	LEONI	F	12-2545	MAGN.EIG.FK	6
		5-1080	KERNSPEKTR.	42560	LEKSIN	GA	9- 818	STARKE WW.	41725	LEONIDOVA	GG	3-1891	MECH.EIG.FK	6
		6- 912	KERNSPEKTR.	42530	LELAND	WT	7-1070	KERNSPEKTR.	42545	LEONOV	VV	12-3442	STERNE	9
		9- 678	KERN-MESSG.	40582	LELEVIER	RE	7-2768	IONOSPHERE	91020	LEONTEV	AI	2- 343	WAERME	2
	JP	1-2056	FK-SPEKTREN	73370	LELLOUCHE	GS	1-1278	K-REAKTOREN	43510		LE	9-2604	OPT.EIG.FK	7
		4-2769	IONOSPHERE	91050	LEMAIRE	B	1-2301	HALBLEITER	71505	LEONTIC	BA	3- 805	STARKE WW.	4
		11-2971	FK-SPEKTREN	73370			3-2125	MAGN.EIG.FK	69040			5- 892	STARKE WW.	4
LEGVOLD	S	5-2436	METAL.LEITG	71010			9-2101	MAGN.EIG.FK	69030			9-1157	KERNSTRHLG.	4
LEHANE	JA	2-1390	PLASMA	57080		H	10-2476	HALBLEITER	71540	LEONTOVICH	AM	2- 478	MASER,LASER	2
		11-1744	PLASMA	57080			1-1510	MOLEKULE	52547			2- 480	MASER,LASER	2
LEHAR	F	2- 826	STARKE WW.	41740		R	7-2178	MAGN.EIG.FK	69060			3- 510	MASER,LASER	2
		2- 902	KERNSTRUKT.	42010			9-1824	KRISTALLE	65588			11- 447	MASER,LASER	2
		5-1146	KERNREAKTIO	43050			11-2463	MAGN.EIG.FK	69060	LEONTOVSKII	MP	5- 957	STARKE WW.	4
		8-1064	KERNSTRUKT.	42010	LEMAITRE	J	5- 280	ELASTIZIT.	22500	LEOPOLD	H	12-2157	KRISTALLE	6
		8-1065	KERNSTRUKT.	42010		JF	8- 562	HF-TECHNIK	27595	LEPAGE	P	3- 561	OPT.INSTRUM	2
		10-1018	KERNSTRUKT.	42010		MP	3- 608	PHYS.OPTIK	29010	LEPARD	DW	4-1485	MOLEKULE	5
LEHMAN	GW	11-3470	BIOPHYSIK	96000	LEMAN	G	6-1878	KRIST.FEHL.	66015	LEPECHINSKI	D	6-1405	PLASMA	5
	HS	3-2598	DUENNE SCHI	74010			7-1872	KRIST.FEHL.	66015	LEPESCHKIN	E	12-3485	BIOPHYSIK	9
	RL	12- 833	KERN-MESSG.	40565	LEMANOV	VV	3-1877	MECH.EIG.FK	66540	LEPIE	AH	5-1517	POLYMERE	5
		12- 859	KERN-MESSG.	40584			4-2013	GITTERDYN.	67020	LEPIECE	M	3-2527	FK-SPEKTREN	7
LEHMANN	C	3-1070	KERNREAKTIO	43064	LEMBERG	IK	4-1196	KERNREAKTIO	43018	LEPILOV	VI	4- 836	BESCHLEUNIG	4
	G	1-1015	KERNSTRUKT.	42080			6- 958	KERNSPEKTR.	42510	LEPLAE	L	1- 240	STATISTIK	1
	H	7-1892	KRIST.FEHL.	66030			6-1104	KERNSPEKTR.	42560	LEPLAT	JP	9- 64	LABORTECHN.	1
		5- 427	THERMODYN.	24520			11-1079	KERNSPEKTR.	42550	LEPORE	DA	10-2638	FK-SPEKTREN	7
		6- 645	ELEMENTART.	41500			11-1121	KERNSPEKTR.	42560		JV	8- 829	ELEMENTART.	4
	HR	7- 4	BIOGRAPHIEN	10212	LEMEIGNAN	G	2-1315	ATOME	52035	LEPPARD	CJ	10- 395	HYDRODYNAM.	2
		9-2718	GEOMAGNET.	90440	LEMEILLE	C	3-1072	KERNREAKTIO	43064	LEPPELMEIER	GW	3-1549	FLUESSIGK.	5
	HW	5-1903	KRISTALLE	65572			6-1086	KERNREAKTIO	43064			12-3077	FK-SPEKTREN	7
		6-2416	HALBLEITER	71520	LEMEILLEUR	F	11- 794	STARKE WW.	41725	LEPRINCE	P	3-1421	PLASMA	5
	JC	1-1392	ATOME	52030			12- 788	KERN-MESSG.	40518			10-1766	GASENTLADG.	5
		3-1290	ATOME	52035	LEMKE	D	2- 503	OPT.INSTRUM	28510			11-1740	PLASMA	5
	K	7- 684	PHYS.OPTIK	29038		H	9-2321	HALBLEITER	71570	LEPSKI	D	7-1871	KRIST.FEHL.	6
	L	4-1328	KERNSTRHLG.	44030			11-3180	GRENZFL.FK	74555	LERBERGHE	YAN A.			
		7-1090	KERNSPEKTR.	42550	LEMM	K	5-1506	POLYMERE	53535			5- 500	MASER,LASER	2
LEHMBERG	PH	11-1197	KERNREAKTIO	43022	LEMMER	RH	4-1180	KERNREAKTIO	43008	LERCHE	I	3-2733	KOSM.STRLG.	9
LEHMPFUHL	R	12- 682	OPT.INSTRUM	28550			8-1071	KERNSTRUKT.	42020			3-2781	KOSM.STRLG.	9
LEHN	JM	12-2178	KRISTALLE	65574	LEMNE	MM	12- 857	KERN-MESSG.	40582			4-2869	KOSM.PHYSIK	9
LEHNER	G	9-1247	MOLEKULE	52510	LEMOINE	L	2- 53	VAKUUM	13022			5-2871	MAGNETOSPH.	9
		3-1331	PLASMA	57026	LEMON	TH	5- 99	VAKUUM	13013			5-2941	KOSM.PHYSIK	9
		5-1638	PLASMA	57216	LEMONICK	A	1- 804	ELEMENTART.	41546			5-2942	KOSM.PHYSIK	9
LEHNERT	B	8-1582	PLASMA	57030	LEMONNIER	JC	1-2460	FK-SPEKTREN	73320			7-2907	KOSM.PHYSIK	9
		9- 34	TAGUNGEN	10555			1-2632	DUENNE SCHI	74060			7-2908	KOSM.PHYSIK	9
		9-1566	PLASMA	57266			4-2429	FK-SPEKTREN	73320			8-1618	PLASMA	5
		9-1567	PLASMA	57266			5-2635	OPT.EIG.FK	73605			8-1643	PLASMA	5
LEHOCZKY	A	3-1864	MECH.EIG.FK	66545		JM	7- 71	LABORTECHN.	12525			9-2965	KOSM.PHYSIK	9
LEHTINEN	B	12- 129	LABORTECHN.	12570	LEMPICKI	A	1- 553	MASER,LASER	28040			12-1788	PLASMA	5
LEHTO	WK	12-1425	K-REAKTOREN	43520			9-2406	FK-SPEKTREN	73325	LERFALD	GM	12-3303	GEOMAGNET.	9
LEIBA	E	10-1731	PLASMA	57206	LEMS	W	7-2612	DUENNE SCHI	74050	LERMAN	JC	6-2901	PLANETEN	9
LEIBFRIED	G	6-1983	KRIST.FEHL.	66065	LENA	PJ	12-3392	SONNENPHYS.	93314	LERNER	E	2-2115	MAGN.EIG.FK	6
		6-1984	KRIST.FEHL.	66076	LENARCZYK	H	12-1870	PLASMA	57250		EC	12- 213	QUANTENTHEO	1
		8- 242	QUANTENTHEO	16588	LENARD	A	1- 238	STATISTIK	17560	LEROI	GE	1-1469	MOLEKULE	5
		8-1978	KRIST.FEHL.	66060	LENC	M	5-1912	KRISTALLE	65574			8-2498	FK-SPEKTREN	7
LEIBLER	K	12-2796	HALBLEITER	71540			11- 119	QUANTENTHEO	16550			12-1631	MOLEKULE	5
		12-2982	FK-SPEKTREN	73355	LENCHENKO	VM	12-1455	KERNSTRHLG.	44033	LEROUX	J	8- 494	ELEKTRIZIT.	2
LEIBOVICH	S	5-1555	PLASMA	57045	LENDINARA	L	1- 955	STARKE WW.	41764		JM	1- 493	ELEKTRODYN.	2
LEIBY JR.	CC	7-1513	PLASMA	57023			10- 919	STARKE WW.	41735		JP	5- 379	WAERME	2
LEICHKIS	DL	11-1973	KRISTALLE	65510			10- 982	STARKE WW.	41764	LEROUX HUGON	P	6-2116	THERMIEIG.FK	6
LEICKNAM	JP	8- 768	KERN-MESSG.	40530			11- 827	STARKE WW.	41735			6-2444	HALBLEITER	7
		10- 599	MASER,LASER	28055	LENDYEL	VI	4- 944	STARKE WW.	41725	LEROY	J	1- 254	FELDTHEORIE	1
LEIDER	HR	7-2402	FK-SPEKTREN	73310			4- 964	STARKE WW.	41740		RJ	7-1387	MOLEKULE	5
LEIDERMAN	AY	1-2416	HALBLEITER	71570			11- 799	STARKE WW.	41725		Y	1- 693	PHYS.OPTIK	2
		5-2375	LEITFHKG.FK	70056			11- 843	STARKE WW.	41740			6-1749	FLUESSIGK.	5
		9-2307	HALBLEITER	71540			11- 849	STARKE WW.	41740			6-1757	FLUESSIGK.	5
LEIFMAN	IE	10-2731	OPT.EIG.FK	73645	LENGLART	P	8-2169	MAGN.EIG.FK	69020	LERTES	E	9-1628	FLUESSIGK.	5
LEIFSON	J	8-1527	POLYMERE	53540	LENGNING	G	12-3298	GEOMAGNET.	90460		K	7-1634	GASENTLADG.	5
LEIGA	AG	9-1054	KERNREAKTIO	43064	LENGYEL	B	6-2551	FK-SPEKTREN	73340	LERUSTE	P	9- 109	MATH.PHYSIK	1
		7-2419	FK-SPEKTREN	73325	LENHAM	AP	1-2538	OPT.EIG.FK	73605	LESCHCHEV	EV	11- 418	HF-TECHNIK	2
		12-2871	FK-SPEKTREN	73320			8-2485	FK-SPEKTREN	73330	LESIGANG	BUCHTELA M.			
LEIGH	RS	3-1758	KRIST.FEHL.	66025	LENIART	DS	7-1440	MOLEKULE	52547			8- 800	KERN-MESSG.	4
		5-2385	KRISTALLE	65545	LENNIN	AS	4-2735	LUFTHUELLE	90850	LESKOVICH	VI	11- 459	MASER,LASER	2
LEIGHLY JR.	HP	6-1792	KRISTALLE	65516			4-2736	LUFTHUELLE	90850	LESLIE	FM	11-1906	FLUESSIGK.	5
LEIGHTON	H	12- 813	KERN-MESSG.	40527	LENK	A	6- 283	AKUSTIK	23520		JD	5-2397	SUPRALEITG.	7
	HG	7-1216	KERNREAKTIO	43064			6- 287	AKUSTIK	23550			12- 687	OPT.INSTRUM	2
		10-1029	KERNSTRUKT.	42030		H	2- 543	OPT.INSTRUM	28570		JR	2-1054	KERNREAKTIO	4
		12-1369	KERNREAKTIO	43064		P	11- 645	BESCHLEUNIG	41010			3- 685	KERN-MESSG.	4
LEIKIN	AY	11- 476	MASER,LASER	28055		R	3- 227	STATISTIK	17535	LESNIAK	L	3-1020	KERNREAKTIO	4
	EM	3- 762	ELEMENTART.	41574	LENKOVA	GA	3- 569	OPT.INSTRUM	28545			11-1210	KERNREAKTIO	4
LEIKINA	BB	8-2127	DIELEKTRIKA	80020			10- 341	MECHANIK	22036			11-1211	KERNREAKTIO	4
LEINBACH	H	5-2852	IONOSPHERE	91050	LENN	PD	1-1668	PLASMA	57210			12-1065	STARKE WW.	4
LEINHARDT	TE	7-1839	KRISTALLE	65582	LENNUIER	R	5-1289	ATOME	52045	LESNIK	AG	1-1685	PLASMA	5
LEIPHOLZ	H	8- 36	BUECHER	11010			7-1325	ATOME	52045			4-2202	MAGN.EIG.FK	6
		12- 73	BUECHER	11010	LENOBLE	J	10- 696	PHYS.OPTIK	29040	LESQUEN DE	A	9- 827	STARKE WW.	4
LEIPUNER	LB	5- 715	KERN-MESSG.	40503			10-1425	ATOME	52045	LESSEN	M	1-1591	PLASMA	5
LEIPUNSKII	AI	2-1104	K-REAKTOREN	43510	LENOIR	WB	7- 698	PHYS.OPTIK	29050			6- 264	HYDRODYNAM.	2
LEISING	W	3- 548	MASER,LASER	28095			7-2739	LUFTHUELLE	90820			6-1445	PLASMA	5
LEISTC	R	1- 954	STARKE WW.	41764	LENSKAYA	SV	8-2773	LUFTHUELLE	90850			7-1542	PLASMA	5
LEISTNER	M	3- 26	TAGUNGEN	10540	LENSKII	A	8-1886	KRISTALLE	65572			9-1470	PLASMA	5
LEISURE	RG	5-2086	GITTERDYN.	70600		LA	3- 615	PHYS.OPTIK	29015			11- 307	HYDRODYNAM.	2
		9- 473	HF-TECHNIK	27560		AV	3- 668	KERN-MESSG.	45055	LESSER	MB	9- 290	HYDRODYNAM.	2

HOV VS	10- 553 MASER, LASER	28030	LEVINE AM	6-1521 PLASMA	57096	LEVY R	3-2491 FK-SPEKTREN	73325
	10- 554 MASER, LASER	28030		10-1714 PLASMA	57085		6-2527 FK-SPEKTREN	73330
	12- 633 MASER, LASER	28055		12-1819 PLASMA	57085		6-2599 OPT.EIG.FK	73625
	12- 634 MASER, LASER	28055	HA	2-1556 FLUESSIGK.	58540		11-2567 LEITFHGK.FK	70053
RNEUX J	3- 813 STARKE WW.	41735	HB	3-1527 GASE	58060	RH	8- 812 BESCHLEUNIG	41010
	6- 783 STARKE WW.	41735		7-1670 GASE	58060	T	6-1431 PLASMA	57045
RER R	10- 918 STARKE WW.	41735		11-1867 GASE	58060	V	1-2425 THERMOELEKT	72010
WCK P	10- 361 HYDRODYNAM.	23010	J	1- 281 FELDTHEORIE	18045	LEVY LEBLOND J.M.		
WCK LM	6- 992 KERNSEKTR.	42565		5- 250 FELDTHEORIE	18020		4- 205 QUANTENTHEO	16530
BERGER H	10-2297 MAGN.EIG.FK	69045	JL	2-1344 PLASMA	57030		7-1472 MOLEKULE	52580
MAN DER C	12-1243 KERNSEKTR.	42555		11-2614 SUPRALEITG.	70520		11- 216 STATISTIK	17563
	1-1229 KERNREAKTIO	43054	LP	12-2692 SUPRALEITG.	70540	LEVY MANNHEIM C.		
	1-1230 KERNREAKTIO	43054	M	12- 649 MASER, LASER	28060		4-2598 DUENNE SCHI	74065
	5-1037 KERNSEKTR.	42530		2-2223 LEITFHGK.FK	70053	LEVY NAHAS M	8- 176 QUANTENTHEO	16516
KC	7-2901 STERNE	94050	MA	8- 133 LABORTECHN.	12570	LEW H	4-1427 ATOME	52085
LD D	8- 116 LABORTECHN.	12530	MJ	2- 170 QU.FELDTHEO	17030	JS	10- 196 QUANTENTHEO	16533
IN AM	5-2554 FK-SPEKTREN	73325	RC	7- 500 HF-TECHNIK	27530		12- 231 QUANTENTHEO	16572
	6-1913 KRIST.FEHL.	66030	RD	6-1344 MOLEKULE	52575	LEWAK GJ	7-1546 PLASMA	57055
RT G	3- 491 MASER, LASER	28035	S	11-1941 FLUESSIGK.	58565		11-1728 PLASMA	57055
IN K	6-1905 KRIST.FEHL.	66030	LEVINGER JS	6- 733 ELEMENTART.	41586	LEWCHUK KS	2- 366 THERMODYN.	24552
FLER H	4- 856 ELEMENTART.	41510		8-1716 GASE	58060	LEWIN C	3- 854 STARKE WW.	41764
	10- 146 QUANTENTHEO	16516	LEVINSON CA	11- 973 KERNSTRUKT.	42050	G	4- 159 VAKUUM	13020
	11- 84 QUANTENTHEO	16516		11- 991 KERNSTRUKT.	42070	JD	2- 681 BESCHLEUNIG	41040
	11- 863 STARKE WW.	41753	I	6-2350 LEITFHGK.FK	70072	K	4-1197 KERNREAKTIO	43022
	7- 792 KERN-MESSG.	40555	IB	9-2205 LEITFHGK.FK	70072		11- 934 KERNSTRUKT.	42010
	8- 810 BESCHLEUNIG	41000	IV	4-2344 HALBLEITER	71540	WHG	3- 933 KERNSEKTR.	42545
	8-1127 KERNSEKTR.	42545	J	11-3195 GRENZFL.FK	74570		7-2931 KOSM.PHYSIK	94540
Y VAN JC	6- 108 QUANTENTHEO	16530	JZ	9-3013 BIOPHYSIK	96000		11- 597 KERN-MESSG.	40532
	12- 206 QUANTENTHEO	16530	P	5- 502 TEILCH.OPT.	27030		11-3435 KOSM.PHYSIK	94540
	1-1003 KERNSTRUKT.	42070		11- 391 TEILCH.OPT.	27030	LEWINER J	5-2094 GITTERDYN.	67060
	1-1004 KERNSTRUKT.	42070	S	5-1913 KRISTALLE	65578		5-2337 LEITFHGK.FK	70024
	2- 968 KERNSEKTR.	42550	Y	4-2260 LEITFHGK.FK	70072		5-2348 LEITFHGK.FK	70035
	2-1017 KERNREAKTIO	43034		11-2588 LEITFHGK.FK	70072	LEWINS J	9-1114 K-REAKTOREN	43515
	3- 922 KERNSEKTR.	42540	YB	1-2315 HALBLEITER	71520	LEWIS B	4-2532 DUENNE SCHI	74000
	7-1057 KERNSEKTR.	42540		6-2446 HALBLEITER	71540		4-2549 DUENNE SCHI	74010
	10-1071 KERNSEKTR.	42540	LEVINSONAS J	8-2303 LEITFHGK.FK	70072	CN	4-2025 GITTERDYN.	67060
DI A	5- 143 QUANTENTHEO	16516	LEVINSTEIN H	9-2355 PHOTOLEITG.	72510	CW	6-1069 KERNREAKTIO	43054
DM N	3-2400 HALBLEITER	71540	HJ	2-1771 KRIST.FEHL.	66035		10-1094 KERNSEKTR.	42545
ONI M	11-1086 KERNSEKTR.	42555		2-2525 OPT.EIG.FK	73605	D	7- 341 HYDRODYNAM.	23060
YOUNG AP	5- 683 PHYS.OPTIK	29045		4-2471 FK-SPEKTREN	73380	DT	4- 355 MECHANIK	22038
YUK AP	3-2318 SUPRALEITG.	70540		4-2482 OPT.EIG.FK	73610		4- 995 STARKE WW.	41762
	5-2099 GITTERDYN.	67060		5-2619 FK-SPEKTREN	73380		5- 927 STARKE WW.	41750
	7- 88 LABORTECHN.	12580		7-2096 THERMEIG.FK	67550	EL	7- 634 OPT.INSTRUM	28545
SEUR E	2-1734 KRIST.FEHL.	66020	LEVINTOV II	11-2452 MAGN.EIG.FK	69060		12-1527 ATOME	52045
SENKO IS	12-3174 DUENNE SCHI	74010		5- 953 STARKE WW.	41755	ER	6- 956 KERNSEKTR.	42555
VA	6- 56 LABORTECHN.	12530		10- 889 STARKE WW.	41720	FA	2-1943 THERMEIG.FK	67550
UT A	2-1909 GITTERDYN.	67060		10- 907 STARKE WW.	41725		2-2301 METAL.LEITG	71010
	2-2004 FK-SPEKTREN	73355	LEVINTOVICH EV	12-1182 KERNSEKTR.	42500		8-2353 METAL.LEITG	71000
	6-2187 FK-SPEKTREN	73355	LEVINZON DI	9-2284 HALBLEITER	71530	J	1-2133 MAGN.EIG.FK	69040
	6-2286 MAGN.EIG.FK	69070	LI	9-2262 HALBLEITER	71505		2-2077 MAGN.EIG.FK	69025
	11-3139 DUENNE SCHI	74050	LI	9-2263 HALBLEITER	71505		9-1740 KRISTALLE	65510
AM	7- 696 PHYS.OPTIK	29048	LEVIS VE	2-1052 KERNREAKTIO	43054	JD	3-1333 PLASMA	57026
NP	6-1705 FLUESSIGK.	58550	LEVITAN J	5- 448 THERMODYN.	24554	JE	12-2769 HALBLEITER	71530
GF	4-2419 FK-SPEKTREN	73325	LEVITAS I	6-2408 HALBLEITER	71505	JL	3- 35 BUECHER	11000
	12-2844 FK-SPEKTREN	73300		8-2400 HALBLEITER	71540	JT	3-1864 MECH.EIG.FK	66545
IB	9-2193 LEITFHGK.FK	70056	IS	3-2404 HALBLEITER	71540		6-2013 MECH.EIG.FK	66514
LL	6-2140 THERMEIG.FK	67556	LEVITCH RN	3- 311 HYDRODYNAM.	23030	MB	1-1543 PLASMA	57026
	9-1688 FLUESSIGK.	58555	LEVITIN RM	4- 517 ELEKTRIZIT.	26016		7-1069 KERNSEKTR.	42545
THAL JJ	4-1543 MOLEKULE	52575		4-2189 MAGN.EIG.FK	69060		11-1053 KERNSEKTR.	42545
RJ	5-2764 GRENZFL.FK	74535		9-2123 MAGN.EIG.FK	69040	MF	12-1213 KERNSEKTR.	42545
	8-1890 KRISTALLE	65574		10-2238 MAGN.EIG.FK	69010		2-2166 MAGN.EIG.FK	69070
RG	6- 761 STARKE WW.	41725	LEVITSKII SM	10-2335 MAGN.EIG.FK	69070		3-1932 GITTERDYN.	67060
D	4-1762 FLUESSIGK.	58520		7-1515 PLASMA	57023		3-2076 FK-SPEKTREN	73360
	8-2069 GITTERDYN.	67010	LEVITT BP	11-1762 PLASMA	57085		4-2025 GITTERDYN.	67060
RJA	2- 962 KERNSEKTR.	42545		2- 606 PHYS.OPTIK	29066		6-1819 FK-SPEKTREN	73355
	4-1243 KERNREAKTIO	43054		7-1458 MOLEKULE	52570		8-2077 GITTERDYN.	67040
AC	3-1523 GASE	58050		8-1487 MOLEKULE	52575		8-2558 FK-SPEKTREN	73370
	4-1763 FLUESSIGK.	58520	CM	12- 132 LABORTECHN.	12570		11-2217 GITTERDYN.	67060
C	1-1128 KERNSEKTR.	42565	H	5-2987 HOEREN	96310		11-2399 MAGN.EIG.FK	69035
	10-1276 KERNREAKTIO	43058		8-3032 HOEREN	96395		12-2405 GITTERDYN.	67060
	11-1066 KERNSEKTR.	42545	LB	9-1128 KERNSTRHLG.	44000		12-2594 MAGN.EIG.FK	69070
DH	9-1325 MOLEKULE	52547	LC	8- 294 STATISTIK	17526	MH	9-1835 KRIST.FEHL.	66010
E	5-1546 PLASMA	57035	PT	8-2510 FK-SPEKTREN	73350	ML	4- 96 UNTERRICHT	12040
	12-1752 PLASMA	57040	VN	11-1103 KERNSEKTR.	42550		7- 156 QUANTENTHEO	16533
	6-1294 MOLEKULE	52538	LEVKOVSKY VN	3-1025 KERNREAKTIO	43040	MR	6-1182 ATOME	52040
H	7- 12 BIOGRAPHIEN	10212	LEVON J	7-1180 KERNREAKTIO	43048	PC	4-1831 DISP.SYST.	59530
HW	12- 849 KERN-MESSG.	40580	LEVRAI B	1- 743 KERN-MESSG.	40560		9-1734 DISP.SYST.	59530
L	1- 641 OPT.INSTRUM	28556		1- 953 STARKE WW.	41764	R	5- 837 ELEMENTART.	41574
S	11-3046 OPT.EIG.FK	73655		5- 973 STARKE WW.	41764		7- 777 KERN-MESSG.	40532
SETTI R	10- 949 STARKE WW.	41753	BC	8- 749 KERN-MESSG.	40503		7-2651 GRENZFL.FK	74535
LLDI A	1-2487 FK-SPEKTREN	73330	K	12- 387 ELASTIZIT.	22510	RA	6- 721 ELEMENTART.	41574
	2-2549 OPT.EIG.FK	73640	EB	2-1062 KERNREAKTIO	43060		8- 904 ELEMENTART.	41574
	3-2453 PHOTOLEITG.	72500	LV	10-1886 FLUESSIGK.	58570	RD	12- 409 HYDRODYNAM.	23010
	6-2607 OPT.EIG.FK	73645	VL	3- 15 BIOGRAPHIEN	10220	RM	1- 115 MATH.PHYSIK	16040
	11-3039 OPT.EIG.FK	73645		A 10-1987 KRISTALLE	65584		4- 741 PHYS.OPTIK	29043
YV	9- 318 HYDRODYNAM.	23040	A	2- 386 ELEKTRODYN.	26500		4- 742 PHYS.OPTIK	29043
	9- 319 HYDRODYNAM.	23040		2- 389 ELEKTRODYN.	26510		7- 224 STATISTIK	17520
	10- 269 STATISTIK	17535		4- 532 ELEKTRODYN.	26510		12-1456 KERNSTRHLG.	44037
VA R	4- 707 PHYS.OPTIK	29010	B	5-1395 MOLEKULE	52534	RR	6- 902 KERNSEKTR.	42510
DE	6-1742 FLUESSIGK.	58568		1-1510 MOLEKULE	52547	RT	11-2961 FK-SPEKTREN	73370
OV	6- 405 MASER, LASER	28045	D	9- 146 QUANTENTHEO	16550	TJ	4-2776 IONOSPHERE	91072
SI	5-2325 LEITFHGK.FK	70026	DH	3- 472 HF-TECHNIK	27560		10-2470 HALBLEITER	71530
BE	10-2297 MAGN.EIG.FK	69045		6-1371 MOLEKULE	52547	TS	11-3147 DUENNE SCHI	74060
BY	8-2910 PLANETEN	93640		8-1449 MOLEKULE	52547	VE	5-1156 KERNREAKTIO	43054
	10-3027 PLANETEN	93640		9-1326 MOLEKULE	52547		6- 946 KERNSEKTR.	42550
E	12-3418 PLANETEN	93640	DJ	12-1102 STARKE WW.	41764	LEWIS JR. RR	11-1021 KERNSEKTR.	42525
EM	10- 973 STARKE WW.	41760	F	4- 969 STARKE WW.	41745	LEWTHWAITE GW	4-1954 KRIST.FEHL.	66070
	12-1125 STARKE WW.	41773		12- 934 ELEMENTART.	41546	LEXA D	8-2473 FK-SPEKTREN	73325
ER	4-2559 DUENNE SCHI	74020	G	12-2592 MAGN.EIG.FK	69070	LEY KOO E	6- 887 KERNSTRUKT.	42060
	10-2687 OPT.EIG.FK	73605		6-1222 MOLEKULE	52575	LEYAROVSKI E	11-3179 GRENZFL.FK	74535
FS	1-1175 KERNREAKTIO	43012		10-1442 ATOME	52065	LEYCURAS A	4-1753 GASE	58050
	10-1190 KERNREAKTIO	43014		10-1471 ATOME	52070	LEYER Y	4-1753 GASE	58050
IW	9-1278 MOLEKULE	52514	GS	10-2991 PLANETEN	93613		2- 373 THERMODYN.	24556
J	2-1040 KERNREAKTIO	43048	HA	4-1759 FLUESSIGK.	58520		5- 450 THERMODYN.	24556
	12-2119 KRISTALLE	65540		8-1730 FLUESSIGK.	58520	LEZHEIKO LV	12-3126 OPT.EIG.FK	73635
JM	4-1660 PLASMA	57070	M	1-1084 KERNSEKTR.	42550	LEZNOV AN	8- 255 QU.FELDTHEO	17010
	4-1661 PLASMA	57070		5- 940 STARKE WW.	41753	LEZUO KJ	4- 188 QUANTENTHEO	16516
JS	4-1210 KERNREAKTIO	43040		7-1095 KERNSEKTR.	42550	LHEUREUX JP	11-3432 KOSM.PHYSIK	94530
LA	1-1382 ATOME	52030		7-1130 KERNSEKTR.	42565		10-1665 PLASMA	57030
	7-1309 ATOME	52030		8-2851 SONNENPHYS.	93320	LI	12-1748 PLASMA	57030
S	7-2100 THERMEIG.FK	67550		10-1113 KERNSEKTR.	42550	FT	1- 382 HYDRODYNAM.	23060
VV	11-1354 K-REAKTOREN	43515		10-1114 KERNSEKTR.	42550	JCM	6-1940 KRIST.FEHL.	66035
	12-1435 K-REAKTOREN	43540		11-2875 FK-SPEKTREN	73330		7-2002 MECH.EIG.FK	66545
DA	4-2196 MAGN.EIG.FK	69065	PW	5-1968 KRIST.FEHL.	66030		8-2047 MECH.EIG.FK	66545
EM	9-1669 FLUESSIGK.	58530	R	2- 444 HF-TECHNIK	27540	KK	3- 805 STARKE WW.	41730

LI	KK	5- 747 KERN-MESSG.	40545	LIEBERTZ	J	3-1995 THERMEIG.FK	67550	LIN	DL	10- 834 ELEMENTART.	41
		5- 892 STARKE WW.	41730			5- 69 LABORTECHN.	12515		DN	4-1686 PLASMA	57
	MC	8- 872 ELEMENTART.	41546			5-1961 KRIST.FEHL.	66025		EK	3-1071 KERNREAKTIO	43
	11- 719 ELEMENTART.	41546		LIEBICH	W	5- 779 BESCHLEUNIG	41020		J	4-1321 KERNSTRHLG.	44
	SC	4- 683 OPT.INSTRUM	28553			7- 453 TEILCH.OPT.	27013		KC	5-2741 DUENNE SCHI	74
	SP	5-2377 HALBLEITER	71563	LIEBL	H	7- 800 KERN-MESSG.	40570		KY	2- 132 QUANTENTHEO	16
		8- 69 UNTERRICHT	12030	LIEBLER	CF	12- 158 VAKUUM	13030			6- 139 QUANTENTHEO	16
	T	2- 468 MASER,LASER	28040	LIEBMANN	R	5- 605 OPT.INSTRUM	28520		L	11- 126 QUANTENTHEO	16
	WK	2-1144 ATOME	52010			8- 683 OPT.INSTRUM	28595			4-1040 KERNSTRUKT.	42
		11-2003 KRISTALLE	65545	LIEBOWITZ	B	4- 541 TEILCH.OPT.	27000		LH	2- 547 OPT.INSTRUM	28
	Y	1- 830 ELEMENTART.	41574	LIECHTI	CA	4- 580 HF-TECHNIK	27540			5- 643 OPT.INSTRUM	28
LI SCHOLZ	A	2- 166 QU.FELDTHEO	17020	LIEDER	RM	3- 985 KERNSPEKTR.	42570			10- 665 OPT.INSTRUM	28
		11-1084 KERNSPEKTR.	42555			8-1135 KERNSPEKTR.	42550		MT	5- 908 STARKE WW.	41
		12-1231 KERNSPEKTR.	42550	LIEDL	GL	5-2691 DUENNE SCHI	74010			12-1042 STARKE WW.	41
LIANG	CY	10-2458 HALBLEITER	71520	LIEDTKE	G	2-1896 GITTERDYN.	67060		PJ	8-2268 LEITFHGK.FK	70
	WY	3-2227 LEITFHGK.FK	70053	LIELAUSIS	OA	4-1640 PLASMA	57053		RP	1-2798 SONNENPHYS.	93
		6-2510 FK-SPEKTREN	73320	LIELMEZS	J	6-1675 FLUESSIGK.	58540			11-3385 PLANETEN	93
		8-2613 OPT.EIG.FK	73640			12-2001 FLUESSIGK.	58546		SCH	4-2164 MAGN.EIG.FK	69
LIAS	SG	4-1540 MOLEKUELE	52585	LIEN	H	6-1404 PLASMA	57026		SP	8- 406 HYDRODYNAM.	23
		10-1598 MOLEKUELE	52585		JR	4-1122 KERNSPEKTR.	42560		SR	6-1035 KERNREAKTIO	43
LIBBY	LM	1-2731 LUFTHUELLE	90820			5-1165 KERNREAKTIO	43066		SS	9-1225 ATOME	52
		3- 810 STARKE WW.	41735			10-1142 KERNSPEKTR.	42560		ST	9- 702 BESCHLEUNIG	41
		4- 968 STARKE WW.	41745	LIENGME	BV	3-1655 FK-SPEKTREN	73310		TF	11-1507 MOLEKUELE	52
		5- 869 STARKE WW.	41710	LIEPA	SY	11- 491 OPT.INSTRUM	28516		TP	10-2772 DUENNE SCHI	74
		5- 921 STARKE WW.	41745	LIESEGANG	J	2-2059 FK-SPEKTREN	73360		TT	11-3476 BIOPHYSIK	96
		6- 815 STARKE WW.	41764			3-2530 FK-SPEKTREN	73335		YS	9-2648 DUENNE SCHI	74
		12- 983 STARKE WW.	41700			4-2090 FK-SPEKTREN	73370	LINARES	C	5-1881 OPT.EIG.FK	73
	PA	3- 292 HYDRODYNAM.	23020	LIIETTI	A	11-1802 PLASMA	57260			6-1822 KRISTALLE	65
		4- 380 HYDRODYNAM.	23000	LIEU	FY	1-1790 FLUESSIGK.	58565		RC	5-1855 KRISTALLE	65
		9- 306 HYDRODYNAM.	23030	LIFSCHITZ	EM	4- 67 BUECHER	11010	LINCOLN	JV	7-2680 GEOPHYSIK	90
	WF	1-2731 LUFTHUELLE	90820	LIFSHITS	AI	1-1869 KRIST.FEHL.	66020		RC	4-1969 MECH.EIG.FK	66
		8-2049 THERMEIG.FK	67550		BL	1- 564 MASER,LASER	28045	LIND	DA	7- 762 KERN-MESSG.	40
		8-2881 PLANETEN	93612		TH	3-2464 PHOTOLEITG.	72510		DJ	6-1374 POLYMERE	53
LIBCHABER	A	1- 532 HF-TECHNIK	27540	LIFSHITZ	A	7-1467 MOLEKUELE	52575		EL	8-1863 KRISTALLE	65
		3-2231 LEITFHGK.FK	70056			7-1468 MOLEKUELE	52575			10-2518 PHOTOLEITG.	72
		5-2374 LEITFHGK.FK	70056			8-1498 MOLEKUELE	52585	LINDBLAD	MD	5-1922 KRISTALLE	65
LIBERMAN	B	5- 205 QU.FELDTHEO	17015			11-1472 ATOME	52075		NR	2- 256 HYDRODYNAM.	23
	DA	10-2343 LEITFHGK.FK	70010			12-1696 MOLEKUELE	52585	LINDE	RK	6-2154 DIELEKTRIKA	68
	I	6- 398 MASER,LASER	28040			4- 68 BUECHER	11010			11-2283 DIELEKTRIKA	68
		7-2554 OPT.EIG.FK	73640		EM	5-1637 PLASMA	57210	LINDEBERG	OK	4-1959 KRIST.FEHL.	66
		11-1771 PLASMA	57093		EV	1-2317 HALBLEITER	71520	LINDEKEN	CL	10-2912 LUFTHUELLE	90
	MA	9- 125 QUANTENTHEO	16516		IM	3-1629 KRIST.FEHL.	66010	LINDEMAN	AJ	6-1133 K-REAKTOREN	43
	S	9-1190 ATOME	52030			4- 302 STATISTIK	17535		H	6- 936 KERNSPEKTR.	42
LIBERT	J	3- 951 KERNSPEKTR.	42555		TM	12-2835 PHOTOLEITG.	72510			12-1184 KERNSPEKTR.	42
		7- 769 KERN-MESSG.	40527	LIFSITZ	JR	10- 611 MASER,LASER	28060	LINDEN VAN DER	J.	3- 223 STATISTIK	17
		11- 569 KERN-MESSG.	40500	LIFSON	S	8-1510 POLYMERE	53530			10- 442 THERMODYN.	24
LIBOFF	AR	9- 644 KERN-MESSG.	40512	LIGEON	E	12-1227 KERNSPEKTR.	42545			11- 190 STATISTIK	17
		9-2790 IONOSPHERE	91000	LIGGETT	G	8-1716 GASE	58060	LINDENBAUM	SJ	1- 842 STARKE WW.	41
	RL	5- 230 STATISTIK	17523	LIGHT	GC	12-1890 GASENTLADG.	57815			1- 857 STARKE WW.	41
		5-1595 PLASMA	57080	LIGHTHILL	MJ	1- 368 HYDRODYNAM.	23050			2- 784 STARKE WW.	41
		10- 262 STATISTIK	17523			12- 418 HYDRODYNAM.	23020			4-1012 STARKE WW.	41
LIBOV	LD	12- 617 MASER,LASER	28050	LIGHTMAN	A	1-1489 MOLEKUELE	52534			5- 909 STARKE WW.	41
	VS	2-1181 MOLEKUELE	52562	LIGHTOWERS	EC	1-1958 GITTERDYN.	67020			12-1043 STARKE WW.	41
		3-1257 MOLEKUELE	52560			4-2398 PHOTOLEITG.	72510	LINDENBERGER	F	5- 509 TEILCH.OPT.	27
		8- 730 PHYS.OPTIK	29055	LIGHTSTONE	JB	5-1938 KRIST.FEHL.	66010	LINDER	B	6-1731 FLUESSIGK.	58
		12- 749 PHYS.OPTIK	29060	LIHL	F	2-2299 METAL.LEITG	71010		F	2-1439 MOLEKUELE	52
LIBOVICKY	S	2-1713 KRISTALLE	65588			3- 556 OPT.INSTRUM	28526		SL	1- 628 OPT.INSTRUM	28
		11-2175 MECH.EIG.FK	66545			11-1910 FLUESSIGK.	58540		J	2-187 LEITFHGK.FK	70
LIBOWITZ	GG	5-1938 KRIST.FEHL.	66010	LIIDYA	GG	8-2283 LEITFHGK.FK	70053	LINDERSTROM LANG	C.U.	3-1494 GASE	58
LIBS	B	4- 779 KERN-MESSG.	40505	LIKHACHEV	MF	12- 848 KERN-MESSG.	40570	LINDGARD	PA	4-2140 MAGN.EIG.FK	69
LICEA	I	4-2572 DUENNE SCHI	74040		VA	3-1847 KRIST.FEHL.	66070			6-2238 MAGN.EIG.FK	69
		8-2398 HALBLEITER	71540			3-1853 KRIST.FEHL.	66065			11-2319 MAGN.EIG.FK	69
		10-2395 LEITFHGK.FK	70060			3-2008 DIELEKTRIKA	68020	LINDGREN	ER	1-1519 POLYMERE	53
LICHARD	P	1- 893 STARKE WW.	41750			11-1644 POLYMERE	53546		FT	1- 67 LABORTECHN.	12
LICHNEROWICZ	A	4- 314 FELDTHEORIE	18010		VN	2- 191 STATISTIK	17563		I	7-1120 KERNSPEKTR.	42
		10-1671 PLASMA	57040			12- 276 QU.FELDTHEO	17010		K	11-1206 KERNREAKTIO	43
LICHNEROWICZ	A	2- 35 BUECHER	11020	LIKHOBABIN	NP	6-2473 HALBLEITER	71570		S	4-2700 KOSH.STRLG.	90
LICHTBLAU	H	1-1188 KERNREAKTIO	43026	LIKHODED	AK	12-1125 STARKE WW.	41773			4-2705 KOSH.STRLG.	90
LICHTEN	W	7-1331 ATOME	52065	LIKHTER	AI	2-2199 LEITFHGK.FK	70024	LINDHARD	J	4-2706 KOSH.STRLG.	90
LICHTENBERG	DB	1- 927 STARKE WW.	41755		YI	3-1897 MECH.EIG.FK	66556		12- 341 FELDTHEORIE	18	
		4- 989 STARKE WW.	41760			6-2846 MAGNETOSPH.	91226	LINDMAN	EL	11-1749 PLASMA	57
		11- 858 STARKE WW.	41753			9-2816 IONOSPHERE	91076	LINDNER	A	9- 917 KERNSPEKTR.	42
LICHTENSTEIN	C.A.	9- 785 ELEMENTART.	41583	LIKHTMAN	NP	12-2835 PHOTOLEITG.	72510		H	3- 480 MASER,LASER	28
LICHTER	BD	9-1699 FLUESSIGK.	58565		VI	5-2032 MECH.EIG.FK	66516		A	3- 481 MASER,LASER	28
LICHTIN	NN	9-1372 MOLEKUELE	52575	LILEY	B	7- 811 ATOME	52090		J	1-1687 PLASMA	57
		11-1606 MOLEKUELE	52585		BS	7-1589 PLASMA	57203		U	1-2107 MAGN.EIG.FK	69
LICHTMAN	D	5-2763 GRENZF.FK	74535	LILGA	KT	1-2063 FK-SPEKTREN	73375			2-2156 MAGN.EIG.FK	69
		11- 188 STATISTIK	17526	LILLER	W	10-3040 STERNE	94020		W	8- 137 LABORTECHN.	12
	S	9- 870 STARKE WW.	41764	LILLESTOL	E	3- 821 STARKE WW.	41745	LINDOFF	U	9-2963 KOSH.PHYSIK	94
		12-1055 STARKE WW.	41745	LILLETHUN	E	6- 647 ELEMENTART.	41500	LINDOP	AJ	11-2968 FK-SPEKTREN	73
LICK	W	6- 119 QUANTENTHEO	16533			8-2741 KOSH.STRLG.	90646	LINDQUIST	RH	1-2142 MAGN.EIG.FK	69
LIDE	DR	10-1540 MOLEKUELE	52536			9- 835 STARKE WW.	41740			11-2816 FK-SPEKTREN	73
LIDE JR.	DR	3- 527 MASER,LASER	28055			12-1046 STARKE WW.	41740			12-2516 MAGN.EIG.FK	69
		4-1439 MOLEKUELE	52510	LILLEY	EM	7-1978 MECH.EIG.FK	66514	LINDQVIST	L	11- 490 OPT.INSTRUM	28
		4-1490 MOLEKUELE	52536		JS	1-1259 KERNREAKTIO	43080	LINDROOS	VK	4-1934 KRIST.FEHL.	66
		8-1425 MOLEKUELE	52536			4-1152 KERNSPEKTR.	42570			7-1920 KRIST.FEHL.	66
		8-1443 MOLEKUELE	52543			4-1265 KERNREAKTIO	43066	LINDSAY	JDG	4-2293 SUPRALEITG.	70
LIDER	KF	5-2678 OPT.EIG.FK	73620	LILLY JR.	AC	8-2648 DUENNE SCHI	74040		RB	7- 1 ALLGEMEINES	10
LIDHOLT	LR	7- 596 OPT.INSTRUM	28513	LILYQUIST	MR	3-1311 POLYMERE	53540		RB	1-1201 KERNREAKTIO	43
LIDIARD	AB	8-1922 KRIST.FEHL.	66010	LIM	CC	3-1549 FLUESSIGK.	58527	LINDSEY	GH	11-1622 POLYMERE	53
		8-1923 KRIST.FEHL.	66010			3-1579 FLUESSIGK.	58543		K	8- 710 PHYS.OPTIK	29
		12-2228 KRIST.FEHL.	66015			3-1580 FLUESSIGK.	58543			12- 672 OPT.INSTRUM	28
LIDOFKY	LJ	4-1310 KERNSTRHLG.	44010		EC	12-1998 FLUESSIGK.	58543	LINDSKOUG	B	5-3004 STRAHL.BIOL	97
		12- 760 KERN-MESSG.	40503		KL	6-1666 FLUESSIGK.	58530	LINDSTROM	PJ	12-3372 MAGNETOSPH.	91
LIDSKY	LM	10- 795 BESCHLEUNIG	41020			5-1113 KERNREAKTIO	43012	LINDT VAN DE	W.J.	1-2682 ERDKOERPER	90
LIDWELL	QM	10- 422 WAERME	24026		TK	11-1184 KERNREAKTIO	43012			1-2734 LUFTHUELLE	90
LIE	TN	5-1667 PLASMA	57273			8-1061 KERNSTRUKT.	42010	LINDZEN	RS	3-2879 PLANETEN	93
LIEB	E	3-1907 GITTERDYN.	67010			9- 891 KERNSTRUKT.	42010			8-2765 LUFTHUELLE	90
	EH	2- 185 STATISTIK	17530			11-1198 KERNREAKTIO	43022			9-1847 KRIST.FEHL.	66
		2-1977 DIELEKTRIKA	68030	LIMARE	A	9-1551 PLASMA	57235	LINES	ME	7-2166 MAGN.EIG.FK	69
		3- 244 STATISTIK	17563	LIMARENKO	LN	9-2577 OPT.EIG.FK	73625		RAB	2-1648 KRISTALLE	65
		6-2104 THERMEIG.FK	67510	LIMENTANI	S	10- 981 STARKE WW.	41764			2-1649 KRISTALLE	65
		9-1992 THERMEIG.FK	67510	LIMIC	M	11- 880 STARKE WW.	41760			2-4118 K-REAKTOREN	43
		11- 187 STATISTIK	17526		N	3- 122 QUANTENTHEO	16516	LINER	SV	2-4118 K-REAKTOREN	43
		12-2606 LEITFHGK.FK	70022	LIMON	P	5- 752 KERN-MESSG.	40560	LINIVSKY	MJ	8-1457 MOLEKUELE	52
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		3-2924	HYDRODYNAM.	23050								11- 405	HF-TECHNIK	271
LOOSPSTRA	BO	11-2445	MAGN.EIG.FK	69060								12- 743	PHYS.OPTIK	291
LOOS	B	7-1078	KERN-SPEKTR.	42545								9- 573	OPT.INSTRUM	281
	HG	7-187	QU.FELDTHEO	17010								6-3000	HOEREN	961
		7-191	QU.FELDTHEO	17010								4- 803	KERN-MESSO.	401
		8- 253	QU.FELDTHEO	17010								7- 731	KERN-MESSO.	401
		9- 196	QU.FELDTHEO	17025								12- 567	HF-TECHNIK	271
		10- 239	QU.FELDTHEO	17010								1-1413	ATOME	521
	J	1-2122	MAGN.EIG.FK	69030								3-1173	ATOME	521
		3-2084	MAGN.EIG.FK	69035								4-1397	ATOME	521
		8-2543	FK-SPEKTREN	73360								9-1163	ATOME	521
		9-2104	MAGN.EIG.FK	69030								6-2522	FK-SPEKTREN	731
		12-1126	STARKE WW.	41775								3-1792	KRIST.FEHL.	661
LOOSE	J	11- 26	BUECHER	11010								1- 859	STARKE WW.	411
LOPAN	AF	1-1922	MECH.EIG.FK	66514								8-1521	POLYMERE	531
		12-1711	POLYMERE	53542								1- 135	QUANTENTHEO	161
LOPATA	C	3-1032	KERNREAKTIO	43044								10- 143	QUANTENTHEO	161
LOPATIN	BA	7-1680	FLUESSIGK.	58510								2-2192	LEITFHGK.FK	701
	E	11-2405	MAGN.EIG.FK	69040								2-2195	LEITFHGK.FK	701
		11-2435	MAGN.EIG.FK	69050								10-2363	LEITFHGK.FK	701
	IV	4- 846	BESCHLEUNIG	41020								12-2610	LEITFHGK.FK	701
LOPATKO	ID	5-1036	KERN-SPEKTR.	42525								4-1820	FLUESSIGK.	581
LOPATNIKOVA	AN	9- 415	ELEKTRIZIT.	26010								5-2658	OPT.EIG.FK	731
LOPATO	P	11-1149	KERN-SPEKTR.	42570								2-1961	DIELEKTRIKA	681
LOPES	JL	3- 261	FELDTHEORIE	18020								10-2564	FK-SPEKTREN	731
	JS	8-1110	KERN-SPEKTR.	42540								11-3500	STRAHL-BIOL	771
		8-1124	KERN-SPEKTR.	42545								5-1618	PLASMA	571
		12-1218	KERN-SPEKTR.	42545								7-1520	PLASMA	571
	W	6-2840	IONOSPHERE	91074								4- 293	STATISTIK	171
LOPES DA SILVA	G.	12-2804	HALBLEITER	71566								4- 613	MASER, LASER	281
	A	3-1552	FLUESSIGK.	58525								5- 51	UNTERRICHT	121
LOPEZ	AA	8-2264	LEITFHGK.FK	70024								1-1982	THERMEOIG.FK	671
	AM	5- 62	MESSEN	12250								1-1983	THERMEOIG.FK	671
	EGL	3-2619	DUENNE SCHI	74010								5-1864	KRISTALLE	651
LOPEZ CAMPILLO	A.											6-2275	MAGN.EIG.FK	691
		4-1507	MOLEKUELE	52528								12-2850	FK-SPEKTREN	731
-LOPEZ DELGADO	R.											8- 784	KERN-MESSO.	401
		3- 636	PHYS.OPTIK	29055								2-1490	GASENTLADG.	571
		4-1507	MOLEKUELE	52528								10-1059	KERN-SPEKTR.	421
		4-1508	MOLEKUELE	52528								11-1801	PLASMA	571
LOPINA	SV	11- 449	MASER, LASER	28045								12- 803	KERN-MESSO.	401
LOPUKHOV	GA	6-1705	FLUESSIGK.	58550										

LOVE - LUNGU

TA	11- 588	KERN-MESSG.	40518	LUBBERS	J	1-1041	KERNSPEKTR.	42525	LUGARINI	G	5- 134	QUANTENTHEO	16516
	12-1349	KERNREAKTIO	43050			6-2109	THERMEIG.FK	67510			10- 148	QUANTENTHEO	16516
WA	1- 857	STARKE WW.	41725	LUBCHENKO	AF	2-2463	FK-SPEKTR.	73325	LUGIN	EV	4-1517	MOLEKUELE	52560
	2- 784	STARKE WW.	41725			3-2486	FK-SPEKTR.	73325	LUGINA	AS	2- 481	MASER,LASER	28045
	4-1012	STARKE WW.	41767	LUBE	EL	10-1970	KRISTALLE	65572	LUGOVENKO	VN	2-2714	GEOMAGNET.	90430
	5- 909	STARKE WW.	41740	LUBELL	MS	2-1730	KRIST.FEHL.	66015	LUGOVOI	VN	7- 588	MASER,LASER	28060
WF	3-2375	HALBLEITER	71520	LUBIMOV	VV	12- 643	MASER,LASER	28055			10-2607	FK-SPEKTREN	73340
	5-2377	HALBLEITER	71563	LUBIN	BT	2- 247	HYDRODYNAM.	23000			12- 717	PHYS.OPTIK	29000
	8-2374	HALBLEITER	71520		MJ	3- 548	MASER,LASER	28095	LUGSCHEIDER	W	6-1732	FLUESSIGK.	58565
WG	2- 927	KERNSTRUKT.	42075			6-1549	PLASMA	57050			11-2177	MECH.EIG.FK	66545
	10-1246	KERNREAKTIO	43050	LUBJAKO	LB	12-3390	SONNENPHYS.	93312	LUGT	HJ	4-1606	PLASMA	57040
III	5- 510	TEILCH.OPT.	27068	LUBLINER	J	5- 288	ELASTIZIT.	22520			7- 328	HYDRODYNAM.	23020
JA	9- 462	TEILCH.OPT.	27068	LUBORSKY	FE	11-3110	DUFNEN SCHI	74050			8- 373	HYDRODYNAM.	23020
	10- 648	OPT.INSTRUM	28550	LUBOWIECKA	T	12- 710	OPT.INSTRUM	28570	LUGT VAN DER A		2- 568	PHYS.OPTIK	29010
LACE	7- 988	STARKE WW.	41767	LUBUZH	ED	12-1635	MOLEKUELE	52538			2- 569	PHYS.OPTIK	29010
LAND	6-1112	KERNREAKTIO	43092	LUBYANOV	LP	7- 82	LABORTECHN.	12530			2- 570	PHYS.OPTIK	29010
LL	10-1011	STARKE WW.	41790	LUCARONI	L	7-2906	STERNE	94060			7-2170	MAGN.EIG.FK	69050
LOCK	11- 820	STARKE WW.	41735	LUCAS	A	2-1628	KRISTALLE	65530			7-2498	FK-SPEKTREN	73370
	1- 283	FELDTHEORIE	18050		AA	5-2076	GITTERDYN.	67040			9-2527	FK-SPEKTREN	73370
	8-3024	BIOPHYSIK	96000			11-1988	KRISTALLE	65530	LUGT VANDER A		12-3056	FK-SPEKTREN	73370
LUCK	12-2740	HALBLEITER	71560			11-2268	DIELEKTRIKA	68000			4- 704	PHYS.OPTIK	29010
SEY	5-2221	MAGN.EIG.FK	69015			12-1378	KERNREAKTIO	43075	LUGLEICH	H	9- 368	WAERME	24030
	8-2170	MAGN.EIG.FK	69025			11-2022	KRISTALLE	65572	LUIKOV	AV	4- 473	WAERME	24050
	11-2366	MAGN.EIG.FK	69030			2- 941	KERNSPEKTR.	42535			5- 390	WAERME	24050
	11-2367	MAGN.EIG.FK	69030			7- 998	KERNSTRUKT.	42010			7- 9	BIOGRAPHIEN	10212
	11-2431	MAGN.EIG.FK	69050			12-3349	IONOSPHERE	91040			7- 404	WAERME	24060
TT	5-2489	HALBLEITER	71550			4-2669	ERDKOERPER	90260			8-2100	THERMEIG.FK	67520
	12-2797	HALBLEITER	71550			8-2216	MAGN.EIG.FK	69065			9- 389	WAERME	24060
SETTO	6- 457	OPT.INSTRUM	28530			10-1017	KERNSTRUKT.	42010	LUITEN	AL	3-2345	SUPRALEITG.	57030
STCH	8-1054	STARKE WW.	41790			5-1027	KERNSPEKTR.	42510	LUIZOVA	LA	6-1207	ATOME	52020
	8-1055	STARKE WW.	41790			6-1621	FLUESSIGK.	58500	LUJANAS	V	12- 791	KERN-MESSG.	40518
	9- 886	STARKE WW.	41790	LUCAS JR.	CW	9-2079	MAGN.EIG.FK	69010	LUK	DC	10-1620	POLYMERE	53540
TT	5-2738	DUEENNE SCHI	74060			4-2746	LUFTHUELLE	90890	LUKAC	I	9- 124	QUANTENTHEO	16516
CH	7-2752	LUFTHUELLE	90850	LUCASSEN	J	10-1843	FLUESSIGK.	58540			7-1641	GASENLADG.	57870
	8-2743	LUFTHUELLE	90800	LUCASSEN REYNERS	E.H.						7-1998	MECH.EIG.FK	66540
F	3- 771	STARKE WW.	41700			10-1843	FLUESSIGK.	58540	LUKACEVIC	I	11-1712	PLASMA	57080
FE	1- 786	ELEMENTART.	41540	LUCASSON	P	9-1893	KRIST.FEHL.	66065	LUKANTSEVER YL		6-1914	KRIST.FEHL.	66030
	2- 699	ELEMENTART.	41540	LUCCHESI	PJ	12-2743	HALBLEITER	71505			7-1904	KRIST.FEHL.	66030
	4- 860	ELEMENTART.	41530	LUCCHIO	AU	7-1002	KERNSTRUKT.	42010			8-2023	KRIST.FEHL.	66076
	4- 982	STARKE WW.	41755	LUCCE	D	7- 355	AKUSTIK	23510			8-2588	OPT.EIG.FK	73620
	4-1002	STARKE WW.	41764	LUCHES	A	10-1223	KERNREAKTIO	43044			9-2578	OPT.EIG.FK	73625
	6- 140	QUANTENTHEO	16578	LUCHKOV	BI	6- 342	ELEKTRIZIT.	26060			10-2708	OPT.EIG.FK	73645
	6- 651	ELEMENTART.	41510	LUCHNER	K	4-1109	KERNSPEKTR.	42555	LUKAS	AR	10-1309	KERNREAKTIO	43080
	8- 832	ELEMENTART.	41510			6-1240	ATOME	52070			3-1885	MECH.EIG.FK	66545
	8- 835	ELEMENTART.	41510	LUCHT	H	11- 497	OPT.INSTRUM	28530			12-2275	KRIST.FEHL.	66035
	9- 734	ELEMENTART.	41540	LUC	WAP	5-1376	MOLEKUELE	52516	LUKASHENKO VI		4-1587	PLASMA	57010
	10- 867	ELEMENTART.	41572			6-1652	FLUESSIGK.	58520	LUKASHEV AA		12-2175	KRISTALLE	65572
FJ	1-2831	KOSM.PHYSIK	94520	LUCKE	O	10-2830	ERDKOERPER	90210	LUKASHEVICH VV		6- 586	KERN-MESSG.	40532
	4-2866	KOSM.PHYSIK	94520		WH	4-2388	THERMOELEKT	72010			6- 903	KERNSPEKTR.	42510
	12-3384	SONNENPHYS.	93310	LUCKEN	EAC	12-3075	FK-SPEKTREN	73370	LUKASZUK	L	5- 867	STARKE WW.	41710
GG	9-1129	KERNSTRHLG.	44010	LUCKEY	D	5- 837	ELEMENTART.	41574	LUKES	T	4-1902	KRIST.FEHL.	66010
	11-2303	MAGN.EIG.FK	69010			8- 900	ELEMENTART.	41574			4-2264	LEITFHGK.FK	70074
	11-2304	MAGN.EIG.FK	69010			7- 777	KERN-MESSG.	40532			12-2641	LEITFHGK.FK	70035
MJD	12-2553	MAGN.EIG.FK	69040	LUCOVSKY	PD	4-2498	OPT.EIG.FK	73605	LUKIERSKI	J	8- 275	QU.FELDTHEO	17040
	2-2479	FK-SPEKTREN	73330			6-2512	FK-SPEKTREN	73330			10- 258	QU.FELDTHEO	17060
	4- 172	VAKUUM	13030	LUCY	RF	4- 681	OPT.INSTRUM	28550			11- 152	QU.FELDTHEO	17010
	11-3174	GRENZFL.FK	74535	LUDEKE	R	7-2576	DUEENNE SCHI	74010			11- 158	QU.FELDTHEO	17020
W	7-2473	FK-SPEKTREN	73355			11-2996	OPT.EIG.FK	73605			12- 272	QU.FELDTHEO	17010
	10-2570	FK-SPEKTREN	73325	LUDFORD	GSS	9-1460	PLASMA	57045			12- 287	QU.FELDTHEO	17025
	11-2905	FK-SPEKTREN	73355			10-1683	PLASMA	57050	LUKII	AV	7- 546	MASER,LASER	28045
	11-2915	FK-SPEKTREN	73355	LUDLAM	T	1- 760	BESCHLEUNIG	41020	LUKIN	DS	7- 494	HF-TECHNIK	27520
	11-2987	FK-SPEKTREN	73375	LUDLOW	JH	4- 684	OPT.INSTRUM	28553		IV	11- 46	MESSEN	12220
E	1-2154	MAGN.EIG.FK	69040	LUDLUM	KH	9-1195	PLASMA	57010		LP	7- 236	STATISTIK	17535
	11-2455	MAGN.EIG.FK	69060	LUDSKANOV	V	10-1616	POLYMERE	53535		YT	6- 856	STARKE WW.	41783
	11-2501	MAGN.EIG.FK	69065	LUDUPOV	FZ	1-2025	DIELEKTRIKA	68020			6-2790	KOSM.STRLG.	90646
BG	8-1217	KERNREAKTIO	43054			2-1989	DIELEKTRIKA	68030			11- 909	STARKE WW.	41780
IJ	3-2032	FK-SPEKTREN	73370	LUDWIG	D	8-2143	DIELEKTRIKA	68030	LUKIRSKII AP		11-3246	KOSM.STRLG.	90610
	4-2096	FK-SPEKTREN	73370			4- 745	PHYS.OPTIK	29043			3-2582	OPT.EIG.FK	73650
	8- 558	HF-TECHNIK	27560			11-1280	KERNREAKTIO	43056	LUKIRSKY AP		9- 569	OPT.INSTRUM	28535
	8-2167	MAGN.EIG.FK	69020			3- 130	QUANTENTHEO	16523	LUKOMSKII VP		3-2174	MAGN.EIG.FK	69070
	9-2511	FK-SPEKTREN	73370			12- 195	QUANTENTHEO	16523	LUKOSZ W		1- 662	PHYS.OPTIK	29015
	9-2512	FK-SPEKTREN	73370			6-2440	HALBLEITER	71540	LUKS	KD	8-1722	FLUESSIGK.	58530
	12- 568	HF-TECHNIK	27540			8-2392	HALBLEITER	71540	LUKSTINSH Y		9- 751	ELEMENTART.	41546
J	1-1225	KERNREAKTIO	43054			7-1337	ATOME	52065	LUKYANCHIKOV G.S.		9-1574	PLASMA	57279
	7-1055	KERNSPEKTR.	42540			11-1947	FLUESSIGK.	58573			5-2545	PHOTOLEITG.	72530
JP	11- 104	QUANTENTHEO	16530			2-1690	KRISTALLE	65580	LUKYANCHIKOVA N.B.		12-3116	OPT.EIG.FK	73620
RM	12-2455	THERMEIG.FK	67556			7-2040	GITTERDYN.	67040			12-3118	OPT.EIG.FK	73625
J	2-2291	SUPRALEITG.	70520			9-2294	HALBLEITER	71540	LUKYANENKO LV		7-1737	FLUESSIGK.	58546
	3-2298	SUPRALEITG.	70550			9-2352	PHOTOLEITG.	72510	LUKYANOVA NI		2-1611	KRISTALLE	65510
	4-2302	SUPRALEITG.	70540			9-2353	PHOTOLEITG.	72510	LUMLEY JL		1- 358	HYDRODYNAM.	23040
	7-2258	SUPRALEITG.	70520	LUDZIEJEWSKI J		6- 970	KERNSPEKTR.	42560	LUMPKIN OJ		5- 330	HYDRODYNAM.	23040
	7-2276	SUPRALEITG.	70530			12-1258	KERNSPEKTR.	42560	LUNA LC		7-2499	FK-SPEKTREN	73370
WNSTEIN	11-2239	THERMEIG.FK	67520	LUECK	R	3-2368	METAL.LEITG	71010	LUND RE		9-2708	ERDKOERPER	90240
DD	1- 225	QU.FELDTHEO	17060			11- 505	OPT.INSTRUM	28550	LUND A		10-1637	PLASMA	57010
NTHAL	2- 542	OPT.INSTRUM	28566	LUECKE	W	9-1747	KRISTALLE	65516	LUNDA		8-1174	KERNSPEKTR.	42570
S	2- 555	OPT.INSTRUM	28570	LUEDECKE	H	8-1223	KERNREAKTIO	43062	LUNDBY A		3- 798	STARKE WW.	41725
	2- 557	OPT.INSTRUM	28570	LUEDEMANN	HD	11-2265	THERMEIG.FK	67556			10- 899	STARKE WW.	41725
	3- 612	PHYS.OPTIK	29015	LUEDER	H	12- 100	LABORTECHN.	12500	LUNDGREN	G	12-1345	KERNREAKTIO	43048
	4- 694	OPT.INSTRUM	28570	LUEDERS	G	1-2254	SUPRALEITG.	70510		T	1-1561	PLASMA	57045
DA	10- 641	OPT.INSTRUM	28540			7-2252	SUPRALEITG.	70510		TS	1- 374	HYDRODYNAM.	23060
R	6- 51	LABORTECHN.	12515			7-2272	SUPRALEITG.	70530			3- 314	HYDRODYNAM.	23040
	6-2015	MECH.EIG.FK	66514	LUEERS	D	6- 687	ELEMENTART.	41546	LUNDIN	AG	1-1869	KRIST.FEHL.	66020
MY	11- 318	HYDRODYNAM.	23060	LUEHRS JR. FU		12-1969	FLUESSIGK.	58530			2-1985	DIELEKTRIKA	68030
SK	6-1590	GASE	58010	LUEKE	D	3- 764	ELEMENTART.	41574			2-2021	FK-SPEKTREN	73370
MA	7-2306	HALBLEITER	71510	LUENEBURG E		12- 726	PHYS.OPTIK	29033			5-2181	FK-SPEKTREN	73370
J	2- 390	ELEKTRODYN.	26510	LUESCHER E		2-1187	ATOME	52075	LUNDQUIST DE		10-1201	KERNREAKTIO	43022
NO	9- 887	KERNSTRUKT.	42010			6-1226	ATOME	52065			2-1886	GITTERDYN.	67020
PKIN	5-1161	KERNREAKTIO	43056			10-2151	GITTERDYN.	67060			5-2307	LEITFHGK.FK	70020
	10-1194	KERNREAKTIO	43016			12-1570	ATOME	52075	LUNDQUIST BI		5-2308	LEITFHGK.FK	70020
IN	9-1037	K											

LUNGU - MACHEKHIN

LUNGU	S	7-1948	KRIST.FEHL.	66065	LYOV	LN	12- 809	KERN-MESSG.	40525	LYUBCHENKO	VE	11-2698	HALBLEITER	7
LUNIN	AF	4-1583	POLYMERE	53544	SN	11-2700	HALBLEITER	71530		LYUBIMOV	AL	11- 610	KERN-MESSG.	4
LUNSFORD	JH	1-1757	FLUESSIGK.	58540	VS	2-2512	OPT.EIG.FK	73610		AP	2-2453	OPT.EIG.FK	7	
		4-1562	MOLEKUELE	52547		4-2493	OPT.EIG.FK	73610		BY	5-1688	GASENTLADG.	5	
		5-1768	FLUESSIGK.	58540		12-2760	HALBLEITER	71520		GA	8-1685	GASENTLADG.	5	
LUNZE	K	10- 62	BUECHER	11070		12-2939	FK-SPEKTREN	73340		GP	3-2751	KOSM.STRLG.	9	
		12- 76	BUECHER	11070	AC	2-1269	MOLEKUELE	52540			3-2752	KOSM.STRLG.	9	
LUO	HL	3-2313	SUPRALEITG.	70530	AS	11-2884	FK-SPEKTREN	73330			3-2864	SONNENPHYS.	9	
		3-2350	METAL.LEITG	71070	EY	11-3041	OPT.EIG.FK	73645			4-2701	KOSM.STRLG.	9	
		5-2108	THERMEIG.FK	67510	LWIN	YN	8-1990	KRIST.FEHL.	66065			10-3021	PLANETEN	9
LUOVA	P	5-2126	THERMEIG.FK	67550	LYAGUSHCHENKO	R.I.				VM	3-2710	ERDKOERPER	9	
		6-1841	KRISTALLE	65572		1-1404	PLASMA	57210				10-2842	ERDKOERPER	9
LUPANDIN	OS	9-1038	KERNREAKTIO	43050		9-1209	ATOME	52047		VN	2- 89	QUANTENTHEO	1	
LUPASHKO	EA	1-2635	DUENNE SCHI	74060		9-1586	GASENTLADG.	57840			3-1664	KRISTALLE	6	
		9-2657	DUENNE SCHI	74060		9-2566	OPT.EIG.FK	73610			10-1904	FK-PHYSIK	6	
LUPATKIN	WL	7-2055	GITTERDYN.	67060	LYAKHINA	LS	9-2181	LEITFHGK.FK	70028	WV	12-1880	PLASMA	5	
LUPEI	A	12-2981	FK-SPEKTREN	73355	LYAKHOV	BV	4-2678	GEOMAGNET.	90430	VB	2- 793	STARKE WW.	4	
	V	1-2064	FK-SPEKTREN	73355	LYAKHOVICH	AK	8- 593	MASER,LASER	28045	VM	1-2432	PHOTOLEITG.	7	
		12-2980	FK-SPEKTREN	73355		10- 590	MASER,LASER	28050		VL	6-1285	MOLEKUELE	5	
		12-2981	FK-SPEKTREN	73355	LYAKHOVITSKAYA	V.A.				VV	7- 861	ELEMENTART.	4	
LUPU	NZ	5-2449	HALBLEITER	71505		5-2629	OPT.EIG.FK	73610		LYUBIN	BY	12-2096	KRISTALLE	6
LUPULESCU	M	3-2166	MAGN.EIG.FK	69070		12-3101	OPT.EIG.FK	73605		LYUBOSHITS	VL	2-1637	KRISTALLE	6
		3-2180	MAGN.EIG.FK	69080		5-2152	DIELEKTRIKA	68030		LYUBOSHITZ	IS	12-2856	FK-SPEKTREN	7
		7-2611	DUENNE SCHI	74050						LYUBUTIN	BY	8- 440	WAERME	2
LURE	BG	5-1898	FK-SPEKTREN	73310	LYAKHOVITSKY	V.M.	3- 881	KERNSTRUKT.	42010	OS	2-2207	LEITFHGK.FK	7	
		6-1830	FK-SPEKTREN	73310		3-2197	LEITFHGK.FK	70024		LYUBUTINA	LG	12-2456	THERMEIG.FK	6
		8-1938	KRIST.FEHL.	66025	LYAKHOVSKY	VD	12- 275	QU.FELDTHEO	70710	LYULICHEV	AN	1- 800	ELEMENTART.	4
		9-1857	KRIST.FEHL.	66025	LYALL	KR	2- 401	ELEKTRODYN.	26540	LYULKA	VA	7- 995	STARKE WW.	4
		10-2107	MECH.EIG.FK	66545	LYAMOV	VE	1-2445	FK-SPEKTREN	73315			9- 752	ELEMENTART.	4
	EA	9- 983	KERNSPKTR.	42565	LYAPIN	VG	7-2199	LEITFHGK.FK	70022	LYUSTIKH	EM	12-3276	ERDKOERPER	9
	YA	1- 476	ELEKTRIZIT.	24606		9-2184	LEITFHGK.FK	70050		LYUTOV	YG	4-1943	KRIST.FEHL.	6
LURIO	A	1-1345	ATOME	52030	LYASHCHENKO	BO	8-2189	MAGN.EIG.FK	69035	LYUZE	LL	12-2772	HALBLEITER	7
		1-1384	ATOME	52030		1-2197	LEITFHGK.FK	70045				12-2773	HALBLEITER	7
		1-1385	ATOME	52030		7-2323	HALBLEITER	71520						
		3-1141	ATOME	52030	LYASHENKO	VI	3-2442	HALBLEITER	71580					
		9-1182	ATOME	52027	LYATSKII	VB	2-2728	GEOMAGNET.	90450					
		12-1507	ATOME	52035		2-2814	MAGNETOSP.	91250						
LURYE	JR	12- 446	HYDRODYNAM.	23050		3-2726	GEOMAGNET.	90450						
LUSCAL	N	4-2050	THERMEIG.FK	67520	LYCKLAMA	H	1-1072	KERNSPKTR.	42545	MA	IJ	6-1178	ATOME	5
LUSEBRINK	TR	6-1363	MOLEKUELE	52550		5-1050	KERNSPKTR.	42545				6-1191	ATOME	5
LUSH	GJ	11-1253	KERNREAKTIO	43052		6-1053	KERNREAKTIO	43044				6-1198	ATOME	5
LUSHCHAEV	QA	10- 425	WAERME	24020	LYE	RG	6-2710	GRENZFL.FK	74535					
LUSHCHNIK	CB	8-2283	LEITFHGK.FK	70053		12-2198	KRISTALLE	65584		SK	2- 195	STATISTIK	1	
		10-2383	LEITFHGK.FK	70053	LYKKEN	GI	6-2237	MAGN.EIG.FK	69030			2- 196	STATISTIK	1
	NE	11-3051	OPT.EIG.FK	73670	LYKODIS	PS	3-1353	PLASMA	57045			7- 242	STATISTIK	1
LUSHCHIKOV	VI	11-1222	KERNREAKTIO	43042		3-1354	PLASMA	57045				11-1880	FLUESSIGK.	5
LUSHNIKOV	AA	12-2533	MAGN.EIG.FK	69025		9-2855	SONNENPHYS.	93326			ZM	5- 880	STARKE WW.	4
	VG	3-1732	KRIST.FEHL.	66010	LYLE	DL	11-2910	FK-SPEKTREN	73355	MAAREN VAN	MH	9-1848	KRIST.FEHL.	6
LUSIGNOLI	M	1- 868	STARKE WW.	41730		GC	3-1259	MOLEKUELE	52562		NH	3-2316	SUPRALEITG.	7
		6- 774	STARKE WW.	41730	LYMAN	JT	11-3502	STRAHL.BIOL	97010	MAARSCHALL	EP	11-2474	MAGN.EIG.FK	6
		6- 776	STARKE WW.	41730	LYNCH	AC	11-2275	DIELEKTRIKA	68020	MAAYOUF	R	9-1019	KERNREAKTIO	4
		8- 969	STARKE WW.	41730		AW	1-1522	POLYMERE	53542	MAAZ	R	4-2662	ERDKOERPER	9
LUSIN	AN	12-2400	GITTERDYN.	67040		DF	1-1893	KRIST.FEHL.	66062	MABBOUX	CS	1-2723	KOSM.STRLG.	9
LUSIS	DY	8-1998	KRIST.FEHL.	66065		DW	2-1865	MECH.EIG.FK	66536	MABEE	RS	11-3278	LUFTHUELLE	9
LUSSIEZ	G	1-1969	GITTERDYN.	67020			7-1896	KRIST.FEHL.	66050	MABUCHI	I	9- 393	WAERME	2
		5- 676	PHYS.OPTIK	29038			8-1846	KRISTALLE	65530		T	7-2416	FK-SPEKTREN	7
LUSSOW	RO	2-1556	FLUESSIGK.	58540		FJ	8-2063	MECH.EIG.FK	66556			7-2550	OPT.EIG.FK	7
LUSTE	G	2- 797	STARKE WW.	41730		HL	3- 925	KERNSPKTR.	42545	MACAGNO	E	3- 988	KERNSPKTR.	4
		3- 803	STARKE WW.	41730		MJ	3-1627	KRISTALLE	65545	MACANALLY	RB	5- 373	AKUSTIK	2
		6- 812	STARKE WW.	41764		RH	4-1728	GASENTLADG.	57840	MACARIE	G	12-2044	FLUESSIGK.	5
LUSTRAC DE	J	11- 327	AKUSTIK	23530		RT	2-1604	KRISTALLE	65510	MACAROVITCH	I	8-1047	STARKE WW.	4
		12- 469	AKUSTIK	23540			12-2092	KRISTALLE	65510	MACCABEE	BS	10-3126	BIOPHYSIK	9
LUTHARDT	G	12- 873	KERN-MESSG.	40584		VM	11-2189	MECH.EIG.FK	66550		HD	7-1944	KRIST.FEHL.	6
LUTHER	AH	11-2377	MAGN.EIG.FK	69030		RW	8-2726	GEOMAGNET.	90410	MACCAMY	RC	1- 114	MATH.PHYSIK	1
LUTHI	B	2-2167	MAGN.EIG.FK	69070	LYNCH JR.	JE	11-1647	POLYMERE	53550	MACCHESENEY	JB	7-2167	MAGN.EIG.FK	6
		10-2156	GITTERDYN.	67060	LYNDEN BELL	D	9-3002	KOSM.PHYSIK	94580	MACCLEMENT	WD	5-2107	GITTERDYN.	6
		12-2402	GITTERDYN.	67060		12- 444	HYDRODYNAM.	23040		MACCRONE	RK	8-2118	DIELEKTRIKA	6
LUTOVININ	VS	1- 65	LABORTECHN.	12500	LYNDS	CR	4-2879	KOSM.PHYSIK	94540	MACDONALD	AB	11-1040	KERNSPKTR.	4
LUTSCH	H	10-2456	HALBLEITER	71500			7-2929	KOSM.PHYSIK	94540		B	7- 932	STARKE WW.	4
LUTSET	MO	8-1707	GASE	58010	LYNE	AG	9-2989	KOSM.PHYSIK	94550		D	4-1227	KERNREAKTIO	4
LUTSIV	RV	2-2471	OPT.EIG.FK	73605			11-3447	KOSM.PHYSIK	94550		F	8- 968	STARKE WW.	4
		10-2004	KRISTALLE	65588			12-3471	KOSM.PHYSIK	94550		GH	2-2884	KOSM.PHYSIK	9
		11-2678	HALBLEITER	71520	LYNEW	U	1-1065	KERNSPKTR.	42545		HF	11-2868	FK-SPEKTREN	7
LUTSIV SHUMSKII	L.F.						11-1322	KERNREAKTIO	43075		JA	1-1785	FLUESSIGK.	5
		2-2517		73060			12-1380	KERNREAKTIO	43075		JR	7-1079	KERNSPKTR.	4
		2-2518		73060			3-2812	LUFTHUELLE	90880			11-1038	KERNSPKTR.	4
		7-2539	OPT.EIG.FK	73610	LYNN	KJW	4-2778	IONOSPHERE	91072		NC	11-1074	KERNSPKTR.	4
		7-2540	OPT.EIG.FK	73610		YM	8-1619	PLASMA	57055			5-2503	HALBLEITER	4
LUTSKY	VN	5-2724	DUENNE SCHI	74040			12-1764	PLASMA	57050			11-2560	LEITFHGK.FK	7
LUTTER	K	9- 460	TEILCH.OPT.	27054	LYNNWORTH	LC	2-1507	GASE	58025			12-2320	KRIST.FEHL.	6
LUTY	T	12-2845	OPT.EIG.FK	73605		DN	4- 137	LABORTECHN.	12530		NJ	7-2744	LUFTHUELLE	9
LUTZ	BL	5-1428	MOLEKUELE	52524	LYON	OF	8-2803	IONOSPHERE	91070		PDH	6- 178	STATISTIK	1
		11-1597	MOLEKUELE	52580			12-3361	IONOSPHERE	91050		RE	4-2484	OPT.EIG.FK	7
	G	10-1382	KERNSTRHLG.	44035		HB	2-2638	GRENZFL.FK	74520			6-1779	KRISTALLE	6
		11- 732	ELEMENTART.	41563			7- 471	TEILCH.OPT.	27040		W	3- 998	KERNREAKTIO	4
	HD	10-2601	FK-SPEKTREN	73340		RK	4-1525	MOLEKUELE	52575	MACDOWELL	JF	2-2708	ERDKOERPER	9
	HF	1-1262	KERNREAKTIO	43080		WS	10- 728	KERN-MESSG.	40500		SW	9- 158	QUANTENTHEO	1
		2-1049	KERNREAKTIO	43054			9- 864	STARKE WW.	41762			9- 159	QUANTENTHEO	1
	HO	3-1824	KERNSTRHLG.	44030	LYON JR.	DE	3-1146	ATOME	52010	MACE	PN	8-1753	FLUESSIGK.	5
		8-1978	KRIST.FEHL.	66060	LYONS	JD	4-1380	ATOME	52010	MACEFIELD	BEF	12-1353	KERNREAKTIO	4
	O	3-1286	FLUESSIGK.	58557		L	4- 946	STARKE WW.	41730	MACEK	J	11-1455	ATOME	5
		5-2166	FK-SPEKTREN	73370			8- 968	STARKE WW.	41730			11-1456	ATOME	5
		9-1362	MOLEKUELE	52575			11- 847	STARKE WW.	41740			2-1142	ATOME	5
	RV	8-1942	KRIST.FEHL.	66025		WJ	3- 59	LABORTECHN.	12510	MACFA LANE	MH	7-1061	KERNSPKTR.	4
LUTZE BIRK	A	2-1266	FLUESSIGK.	58573	LYOVSHIN	EB	2-1068	KERNREAKTIO	43064	MACFARLANE	AJ	1- 131	QUANTENTHEO	1
LUU	DY	1-1970	GITTERDYN.	67060	LYS	JEA	3- 821	STARKE WW.	41745			9- 104	MATH.PHYSIK	1
LUUKKALA	M	3-1929	GITTERDYN.	67010	LYSANOV	YP	2- 310	AKUSTIK	23530		IM	4-1476	MOLEKUELE	5
		3-1934	GITTERDYN.	67060	LYSKOVICH	AB	4-2503	OPT.EIG.FK	73620		MH	3- 942	KERNSPKTR.	4
		4-2008	GITTERDYN.	67020			4-2513	FK-SPEKTREN	73325		RD	11-1228	KERNREAKTIO	4
		11-2215	GITTERDYN.	67060			4-2517	OPT.EIG.FK	73650		RE	5-2085	GITTERDYN.	6</

MACHERAUCH - MAIN

MAUCH E	6-2036	MECH.EIG.FK	66540	MADLAINE G	6-1617	GASE	58045	MAGUIN C	11- 978	KERNSTRUKT.	42060
MA K	3-1232	MOLEKUELE	52538		7-1666	GASE	58045	MAGUIRE JF	6- 84	VAKUUM	13050
MA S	4- 965	STARKE WW.	41740	MADLUNG D	12- 64	TABUNGEN	10560	JJ	5-2864	MAGNETOSPH.	91230
	5-1013	KERNSTRUKT.	42045	O	5-2317	LEITFHGK.FK	70022		12-3376	MAGNETOSPH.	91255
WD	3- 95	VAKUUM	13013	MADER CL	3-1859	MECH.EIG.FK	66500	MAGYAR G	3-2536	FK-SPEKTREN	73580
ES	10-2053	KRIST.FEHL.	66062	KH	10-2308	MAGN.EIG.FK	69060		9- 540	MASER,LASER	28060
IS	1-2435	FK-SPEKTREN	73300	L	4-2502	OPT.EIG.FK	73620		12- 671	OPT.INSTRUM	28930
MK	2-2540	OPT.EIG.FK	73635	MADRY 5	5- 759	KERN-MESSG.	40582	MAGZUMOVA VS	2- 925	KERNSTRUKT.	42070
G	4-2704	KOSM.STRLG.	90633	TE	7-2649	GRENZFL.FK	74535	MAH SQ	12-1747	PLASMA	57030
A	2-1632	KRISTALLE	60543		7-2650	GRENZFL.FK	74535	MAHADEVAN P	3-1182	MOLEKUELE	52755
YRE F	1- 82	LABORTECHN.	12570	MADHAVA MS	8- 741	PHYS.OPTIK	29080	S	9-2329	HALBLEITER	71570
	9-2712	ERDKOERPER	90260	MADHAVAN D	4- 644	MASER,LASER	28060		12-2811	HALBLEITER	71570
BA	5-2689	DUEENNE SCHI	74010	N	12-1684	MOLKUELE	52575	MAHAJAN KK	2-2824	SONNENPHYS.	93312
G	4-1214	KERNREAKTIO	43044	WM	2- 313	AKUSTIK	23540		4-2755	IONOSPHAERE	91030
	4-1215	KERNREAKTIO	43044		4-1740	GASE	58020		11-3308	IONOSPHAERE	91020
	7- 489	TEILCH.OPT.	27068	MADDORE J	5-1767	FLUESSIGK.	58540	SN	10-2316	MAGN.EIG.FK	69060
	8- 756	KERN-MESSG.	40518		4- 339	FELDTHEORIE	18060	MAHAN BH	6-1354	MOLEKUELE	52575
	11- 903	STARKE WW.	41780		7- 208	QU.FELDTHEO	17040		7-1465	MOLEKUELE	52575
	12- 179	QUANTENTHEO	16516		9- 228	FELDTHEORIE	18020		9-1353	MOLEKUELE	52575
	12-1334	KERNREAKTIO	43044	MADSEN BB	10-2882	LUFTHUELLE	90810	GD	9-1366	MOLEKUELE	52575
JE	6- 487	OPT.INSTRUM	28545	VA	3-1043	KERNREAKTIO	43054		2-2196	LEITFHGK.FK	70024
	12-3424	PLANETEN	93650		11-1184	KERNREAKTIO	43012		3-2429	HALBLEITER	71570
LR	9- 381	WAERME	24050	MADSON JM	3-1340	PLASMA	57030		3-2431	HALBLEITER	71570
M	6-1839	KRISTALLE	65572		3-1340	PLASMA	57030		8-2276	LEITFHGK.FK	70053
ME	12-3122	OPT.EIG.FK	73630	MADUEMEZIA A	4- 193	QUANTENTHEO	16516		10-2673	FK-SPEKTREN	73580
AL	5-2154	DIELEKTRIKA	68050		5- 139	QUANTENTHEO	16516	MAHANTA P	11-1443	ATOME	52065
CD	5-2956	KOSM.PHYSIK	94550		5- 140	QUANTENTHEO	16516		7- 142	QUANTENTHEO	16516
	11-3449	KOSM.PHYSIK	94550		8- 179	QUANTENTHEO	16516		12- 984	STARKE WW.	41700
DG	11-3497	HOEREN	96320	MADUYEV VL	3-2738	KOSM.STRLG.	90630	MAHANTHAPPA KT	4- 940	STARKE WW.	41725
JW	4-1948	KRIST.FEHL.	66065		3-2739	KOSM.STRLG.	90630		4- 998	STARKE WW.	41764
	11-2734	HALBLEITER	71563	MAECKER H	4-1733	GASENTLADG.	57860	MAHANTI SD	1-2130	MAGN.EIG.FK	69040
RA	11-1922	MOLEKUELE	52522	MAEDA H	3-2720	GEOMAGNET.	90440		9-2515	FK-SPEKTREN	73570
W	1-2800	PLANETEN	93610		7-2317	HALBLEITER	71520	MAHAUX C	5-1143	KERNREAKTIO	43048
	6-1017	KERNREAKTIO	43010		9-2776	LUFTHUELLE	90860		6- 890	KERNSTRUKT.	42070
LLAR AD	11- 958	KERNSTRUKT.	42020		10-1614	POLYMERE	53535		11-1161	KERNREAKTIO	43005
BHJ	11-1289	KERNREAKTIO	43060	K	10-2931	IONOSPHAERE	91060	MAHBUBUL ALAM A.S.	5-2671	OPT.EIG.FK	73625
DR	7-1142	KERNSEKTR.	42575		11-2805	PHOTOLEITG.	72510	ASM	3-2570	OPT.EIG.FK	73640
IK	5-1225	KERNSTRHLG.	44030		12-3321	LUFTHUELLE	90820	MAHER FJ	4- 465	WAERME	24020
JD	4-1775	FLUESSIGK.	58530	M	3-2628	DUEENNE SCHI	74030		10- 426	WAERME	24023
	5- 303	HYDRODYNAM.	23016	T	12-2596	MAGN.EIG.FK	69070	JV	5-1176	KERNREAKTIO	43085
	6-1662	FLUESSIGK.	58530	Y	8-1049	STARKE WW.	41783	MAHESH K	4-1987	MECH.EIG.FK	66540
KR	11-1676	PLASMA	57030		8-1522	POLYMERE	53535		5- 736	KERN-MESSG.	40522
RRAS D	8-2785	LUFTHUELLE	90880	MAEDER D	8-1873	FK-SPEKTREN	73310	MAHESHWARI AN	2- 850	STARKE WW.	41755
Y	11- 94	QUANTENTHEO	16526	MAEHARA H	12- 785	KERN-MESSG.	40560	PN	3- 934	KERNSEKTR.	42545
GW	3-2374	HALBLEITER	71520	MAEHARA BN	2-2863	STERNE	94020	RC	3-1245	MOLEKUELE	52560
HJ	6-2338	LEITFHGK.FK	70065		9-2720	GEOMAGNET.	90440	MAHIEUX J	5-2722	DUEENNE SCHI	74040
	8-2298	LEITFHGK.FK	70065	MAEKAWA S	12-3374	MAGNETOSPH.	91226	MAHL H	7- 462	TEILCH.OPT.	27030
	10-2361	LEITFHGK.FK	70024		1-2088	FK-SPEKTREN	73355	MAHLEIN HF	3- 688	KERN-MESSG.	40532
	11-2787	PHOTOLEITG.	72510		2-2163	MAGN.EIG.FK	69063		6-1062	KERNREAKTIO	43048
JE	3- 336	AKUSTIK	23520	T	1- 930	STARKE WW.	41755	MAHLER K	7- 50	BUECHER	11040
NON JA	4-2115	FK-SPEKTREN	73355	Y	5- 937	STARKE WW.	41753	RJ	1-2047	FK-SPEKTREN	73370
	8-2522	FK-SPEKTREN	73355	KV	6-2645	DUEENNE SCHI	74010		4-2094	FK-SPEKTREN	73370
	8-2523	FK-SPEKTREN	73355	MAEKILAE	2-2187	LEITFHGK.FK	70026		7-2056	BITTERDYN.	67060
L	3-2204	LEITFHGK.FK	70024	MAELAND A	10-2811	GRENZFL.FK	74535		10-2662	FK-SPEKTREN	73370
NTOSH AR	3-2118	MAGN.EIG.FK	69040	AJ	8-1914	KRISTALLE	65588		12-3070	FK-SPEKTREN	73370
	9-2134	MAGN.EIG.FK	69050	MAELICKE A	4- 470	WAERME	24040	MAHN C	8-1545	PLASMA	57010
	11-2314	MAGN.EIG.FK	69010	MAENHOUT VAN DER VORST W.	10-2737	OPT.EIG.FK	73655		12-1900	GASENTLADG.	57860
	12-2611	LEITFHGK.FK	70024		9-1725	DISP.SYST.	59500	MAHON H	12-1901	GASENTLADG.	57860
IW	3- 499	MASER,LASER	28045	MAENO N	9-1225	K-REAKTOREN	43540	MAHONY J	4-2008	BITTERDYN.	67020
CA	9-1993	THERMEIG.FK	67510	MAERKER RE	5-1209	K-REAKTOREN	43540		3- 913	KERNSEKTR.	42550
RL	1-1212	KERNREAKTIO	43048		8-1270	K-REAKTOREN	43540	MAHONEY J	7-1139	KERNSEKTR.	42575
	5-1131	KERNREAKTIO	43040	MAES S	11-1557	MOLEKUELE	52543		11-1279	KERNREAKTIO	43056
	6-2927	STERNE	94040	MAESEN VAN DER F.	8-2395	HALBLEITER	71540	MAHONY JJ	5- 329	HYDRODYNAM.	23040
	8-1238	KERNREAKTIO	43080		11-2661	METAL.LEITG	71010	MAHOOTIAN N	12-2960	FK-SPEKTREN	73355
	9-2935	STERNE	94040	MAETA H	6-1607	GASE	58025	G	11- 134	QUANTENTHEO	16578
WC	7-1743	FLUESSIGK.	58530	MAEV SA	7-1538	PLASMA	57053		11- 720	ELEMENTART.	41546
WJ	6-1388	POLYMERE	53542		7-1539	PLASMA	57053	MAHR H	9-2534	FK-SPEKTREN	73380
	11-1635	POLYMERE	53546	CV	7-1539	PLASMA	57053	MAHUNKA I	8-1163	KERNSEKTR.	42565
EL	3-1287	MOLEKUELE	52553	MAEVSKII VM	3-2713	ERDKOERPER	90250	L	1- 807	ELEMENTART.	41546
JS P	10-2773	DUEENNE SCHI	74040		8-2529	FK-SPEKTREN	73355		1- 808	ELEMENTART.	41546
ACHLAN DS	11-2645	SUPRALEITG.	70550	MAFFEO GF	9-2496	FK-SPEKTREN	73355		2- 787	STARKE WW.	41725
LAUGHLIN DE	3-2325	SUPRALEITG.	70550	MAFFITT KN	9-2770	LUFTHUELLE	90850		2- 874	STARKE WW.	41760
	6- 508	PHYS.OPTIK	29010	VI	9-2111	MAGN.EIG.FK	69035		7- 949	STARKE WW.	41753
	9-2238	SUPRALEITG.	70550	MAGALYAS	7- 558	MASER,LASER	28050		11- 689	ELEMENTART.	41540
C	3-1287	MOLEKUELE	52553	MAGAN JR	1- 236	STATISTIK	17545	MAIDANIK G	4- 153	VAKUUM	13013
DN	8- 691	PHYS.OPTIK	29010	MAGARVEY RH	10-2913	LUFTHUELLE	90890		4- 444	AKUSTIK	23530
AC	2- 329	WAERME	24040		10-1309	KERNREAKTIO	43080		4- 445	AKUSTIK	23530
	2- 330	WAERME	24040	MAGDA MT	9-2534	FK-SPEKTREN	73380		5- 354	HYDRODYNAM.	23070
AB	6-1422	PLASMA	57030	MAGDE LN	5- 583	MASER,LASER	28055	MAIDANOVSKAYA L.G.	1-2650	GRENZFL.FK	74535
RS	11- 539	PHYS.OPTIK	29015	MAGEE JL	5-1812	FLUESSIGK.	58565		3-2677	GRENZFL.FK	74535
JI	6- 47	MESSEN	12240		6-1316	MOLEKUELE	52575	MAIDANYUK VK	11-1101	KERNSEKTR.	42555
HK	5-1323	ATOME	52065		8-1468	MOLEKUELE	52575	MAIELLA G	7- 141	QUANTENTHEO	16516
JD	2-1598	FLUESSIGK.	58557		11-1951	FLUESSIGK.	58573	MAIER B	5-1142	KERNREAKTIO	43046
	4-2472	FK-SPEKTREN	73380	PH	9- 378	WAERME	24060		10-1225	KERNREAKTIO	43044
	10-2678	FK-SPEKTREN	73380	MAGER A	2-2748	LUFTHUELLE	90815		11-1090	KERNSEKTR.	42555
M	2- 683	BESCHLEUNIG	41040		4- 531	ELEKTRODYN.	26510	BP	6-1052	KERNREAKTIO	43044
AK	10- 388	HYDRODYNAM.	23050		11- 366	ELEKTRODYN.	26510	BPK G	3- 972	KERNSEKTR.	42565
G	1-2560	OPT.EIG.FK	73640		7- 654	OPT.INSTRUM	28570		3-2038	FK-SPEKTREN	73370
PC	1-1070	KERNSEKTR.	42545	MAGERRAMOV EM	12- 694	OPT.INSTRUM	28570		3-2039	FK-SPEKTREN	73370
	6- 677	ELEMENTART.	41543	MAGGI CM	9-2562	OPT.EIG.FK	73610	H	1-2478	FK-SPEKTREN	73325
	7-1044	KERNSEKTR.	42510	MAGGS JE	12-2550	MAGN.EIG.FK	69035	HJ	11-1052	KERNSEKTR.	42545
	10- 833	ELEMENTART.	41543	MAGILL JH	10-2862	GEOMAGNET.	90470	J	7-1755	FLUESSIGK.	58560
JL	2- 332	WAERME	24040		3-1618	KRISTALLE	65512	KH	11- 583	KERN-MESSG.	40518
	7- 405	WAERME	24060		7-2106	THERMEIG.FK	67556		11-1058	KERNSEKTR.	42545
	8- 459	WAERME	24040	MAGLIC B	1- 953	STARKE WW.	41764	M	8-1812	FLUESSIGK.	58573
RA	9- 374	WAERME	24040	BC	5- 973	STARKE WW.	41764		9-1708	FLUESSIGK.	58573
ITCHIE F	5-2734	DUEENNE SCHI	74060					RL	4- 674	OPT.INSTRUM	28540
	2-1600	DISP.SYST.	59530	MAGNAC VALETTE D.	8-1235	KERNREAKTIO	43075	WB	5-1487	MOLEKUELE	52575
	10-1859	FLUESSIGK.	58555		4-2859	STERNE	94040		12-3347	IONOSPHAERE	91020
MLA	5-2334	SUPRALEITG.	70520	MAGNAN C	3-1216	MOLEKUELE	52514	MAIER LEIBNITZ H.	6-1113	K-REAKTOREN	43500
	11-2620	SUPRALEITG.	70540	MAGNASCO V	5-1350	MOLEKUELE	52510				
	12-2698	SUPRALEITG.	70540		6-1315	MOLEKUELE	52575	MAIER LEIPNITZ H.	4- 809	KERN-MESSG.	40535
WHELAN P.J.	5-1650	PLASMA	57010		9-1364	MOLEKUELE	52575		7-1592	PLASMA	57206
	4- 199	QUANTENTHEO	16520		9-1365	MOLEKUELE	52575	MAIGNAN J	5-2682	OPT.EIG.FK	73670
MJ	1-2491	FK-SPEKTREN	73330		11-1490	MOLEKUELE	52510	A	3-2294	SUPRALEITG.	70520
MP	2-1895	BITTERDYN.	67040	MAGNEE A	8-1671	PLASMA	57235		11-2652	SUPRALEITG.	70595
	6-2547	FK-SPEKTREN	73330	MAGNUS K	12- 88	UNTERRICHT	12025	MAILLARD JP			

MAIN - MALYSHENKO

MAIN	IG	10-1087	KERNSPEKTR.	42545	MAKI	AG	3- 527	MASER, LASER	28055	MALIK	SK	7-2237	LEITFHGK.FK	1	
	RM	10- 816	BESCHLEUNIG	41040			5- 572	MASER, LASER	28055			11-2973	FK-SPEKTREN	2	
	RP	3-1256	MOLEKUELE	52560			11- 468	MASER, LASER	28055			2-2722	GEOMAGNET.	3	
MAINES		5-1728		83590	ER		8-1596	PLASMA	57045	MALIN	SRC	2-1508	GASE	4	
	JD	10-2479	HALBLEITER	71540		K	2-2268	SUPRALEITG.	70520		MALINAUSKAS	AP	2-1508	GASE	4
	JS	5-2876	MAGNETOSPH.	91280			2-2269	SUPRALEITG.	70520		MALINENKO	IA	12-2862	FK-SPEKTREN	5
MAIONE	H	5-2994	SEHEN	96618		3-2274	SUPRALEITG.	70510	MALININ	BG	7- 363	AKUSTIK	6		
MAIDROV		8-2445	FK-SPEKTREN	73300		8-2308	SUPRALEITG.	70510	MALINKO	VN	3- 508	MASER, LASER	7		
MAIRLE	AN	10-1498	MOLEKUELE	52510	MAISON		9-2235	SUPRALEITG.	70510	MALINOVSKI	AP	12-1897	DUENNE SCHI	8	
	G	3- 923	KERNSPEKTR.	42545			12-2689	SUPRALEITG.	70520		MALINOWSKA	ADAMSKA C.			9
		7-1208	KERNREAKTIO	43064		M	2-2305	HALBLEITER	71500			12-1567	ATOME	10	
MAISON		10-1279	KERNREAKTIO	43060	Z		1- 781	ELEMENTART.	41520	MALINOWSKI	J	5-2490	HALBLEITER	11	
	JM	11-1293	KERNREAKTIO	43060			5- 929	STARKE WW.	41750			11- 517	OPT. INSTRUM	12	
	LI	1-1185	KERNREAKTIO	43024			10- 974	STARKE WW.	41760		S	12-1482	ATOME	13	
MAISSEL		3-2598	DUENNE SCHI	74010	MAKI JR.	AG	8-1425	MOLEKUELE	52536	MALISOVA	EV	9-2288	HALBLEITER	14	
		6-2657	DUENNE SCHI	74040		B	11- 70	MATH.-PHYSIK	16020			11-2675	HALBLEITER	15	
		6-2691	DUENNE SCHI	74060			11- 99	QUANTENTHEO	16526						16
MAISTRENKO	AS	12-2807	HALBLEITER	71566	MAKIMOTO	T	11-2632	SUPRALEITG.	70530	MALKHANOV	YP	8-1745	FLUESSIGK.	17	
	JP	1-2131	MAGN.-EIG.FK	69040		MJ	12-2695	SUPRALEITG.	70540			11- 976	KERNSTRUKT.	18	
		5-2108	THERMEIG.FK	67510			12-2696	SUPRALEITG.	70540		MALKIN	BZ	3-2504	FK-SPEKTREN	19
MAITA		8-2345	SUPRALEITG.	70530	MAKIN		2-2312	HALBLEITER	71510	IA		6-1824	KRISTALLE	20	
		10-2285	MAGN.-EIG.FK	69040			6- 234	ELASTIZIT.	22530		LE	12- 201	QUANTENTHEO	21	
		12-2717	SUPRALEITG.	70540			6-1941	KRIST.FEHL.	66035		OA	1-1273	KERNREAKTIO	22	
MAITENAZ	B	5-2989	SEHEN	96614	K		3-1096	K-REAKTOREN	43515	MALKIS	IE	5-1562	PLASMA	23	
	SR	2-2695	ERDKOERPER	90210		MQ	12- 793	KERN-MESSG.	40520			11-1814	GASENTLADG.	24	
	R	7-1065	KERNSPEKTR.	42540		S	8-1506	POLYMERE	53525			10-2521	PHOTOLEITG.	25	
MAITROT	M	1-2023	DIELEKTRIKA	68020	MAKISHIMA		7-2435	FK-SPEKTREN	73325	MALKMUS	W	1-1466	MOLEKUELE	26	
MAIWALD	B	7-1373	ATOME	52090			7-2550	OPT.-EIG.FK	73625		MALKO	AI	7-1219	KERNREAKTIO	27
MAIX	R	7-1825	KRISTALLE	65572			3-2387	HALBLEITER	71520				9-1061	KERNREAKTIO	28
MAIYA		8-1881	KRISTALLE	65572	Y		6-2156	DIELEKTRIKA	68030	MALKOVICH		RS	2-1751	KRIST.FEHL.	29
	PS	2-1735	KRIST.FEHL.	66020			6-2312	LEITFHGK.FK	70028			3-1770	KRIST.FEHL.	30	
	C	2- 45	MESSEN	12250			12-1714	POLYMERE	53544			8-1940	KRIST.FEHL.	31	
MAIZIERES	B	11- 411	HF-TECHNIK	27530	MAKLAKOV	AI	12-1714	POLYMERE	53544	MALKUS	WVR	10-2853	GEOMAGNET.	32	
MAJBORN	V	2- 318	AKUSTIK	25560		W	3-1062	KERNREAKTIO	43056		MALLARD	JR	10- 752	KERN-MESSG.	33
MAJERNIK		3- 128	QUANTENTHEO	16520		MB	1-1938	MECH.-EIG.FK	66545				WC	2-2562	OPT.-EIG.FK
MAJERNIKOVA	E	4-2907	HOEREN	96310	MAKOGONENKO	GI	9-1827	THERMEIG.FK	67553	D			5-1947	KRIST.FEHL.	35
		4-2239	LEITFHGK.FK	70053		AG	6-2799	LUFTHUELLE	90820			5-2084	GITTERDYN.	36	
		4-2246	LEITFHGK.FK	70053			1-2146	MAGN.-EIG.FK	69060			5-2156	DIELEKTRIKA	37	
MAJEROTTO	W	2- 886	STARKE WW.	41770	MAKOV	DM	5- 454	ELEKTRIZIT.	26000	MALLETT	G	10-1960	KRISTALLE	38	
		6- 809	STARKE WW.	41760		B	11- 788	STARKE WW.	41725		MALLETT	JFW	3-1143	ATOME	39
		12- 920	ELEMENTART.	41540		H	6- 376	HF-TECHNIK	27530				4-1345	ATOME	40
MAJEROWICZ	J	12-1088	STARKE WW.	41755	MAKSMENKO	OI	9-2800	IONOSPHERE	91045	MALLI		B	4-1373	ATOME	41
	L	6-2789	KOSM.-STRLG.	90646		VM	6- 853	STARKE WW.	41783			6-1164	ATOME	42	
	A	4-1061	KERNSTRUKT.	42070			11- 918	STARKE WW.	41783			7-1289	ATOME	43	
MAJOR	JV	3-1888	MECH.-EIG.FK	66550	MAKSIMOV	JS	11-3265	KOSM.-STRLG.	90646	GL		12-1467	ATOME	44	
		8- 944	STARKE WW.	41725		LA	6- 580	KERN-MESSG.	40520			12-1468	ATOME	45	
	RW	7-1839	KRISTALLE	65582			2-1512	GASE	58030			7-1288	ATOME	46	
MAJUMDAR	AJ	4- 145	LABORTECHN.	12570	LM		6-1608	GASE	58025	EA		6-2862	ASTROPHYSIK	47	
	CK	4- 488	THERMODYN.	24530			9-1601	GASE	58010			8-2834	ASTROPHYSIK	48	
		5- 811	ELEMENTART.	41550			8- 351	MECHANIK	22036			2-1475	GASENTLADG.	49	
DP		12-2586	MAGN.-EIG.FK	69065	YA		11- 248	MECHANIK	22036	S		4-1714	PLASMA	50	
	K	11- 710	ELEMENTART.	41546		YS	5-2411	SUPRALEITG.	70540			2- 576	PHYS.OPTIK	51	
	M	2- 620	PHYS.OPTIK	29076		NP	9- 652	KERN-MESSG.	40520			3- 616	PHYS.OPTIK	52	
R		10-2324	MAGN.-EIG.FK	69065	MAKSIMOVA	OV	2-1707	KRISTALLE	65584	RB		7- 678	PHYS.OPTIK	53	
		2- 705	ELEMENTART.	41546		TI	12-2445	THERMEIG.FK	67550		MALLINSON	RB	2-2210	LEITFHGK.FK	54
		3- 738	ELEMENTART.	41546			8-2501	FK-SPEKTREN	73340				1-2279	SUPRALEITG.	55
SD		3- 828	STARKE WW.	41753	MAKSIMOVICH	KK	11-2880	FK-SPEKTREN	73330	HD			7-1718	FLUESSIGK.	56
	SK	7- 901	STARKE WW.	41720			12-2921	FK-SPEKTREN	73330		M		3-1982	THERMEIG.FK	57
	AA	8- 191	QUANTENTHEO	16516		MN	11-3025	OPT.-EIG.FK	73635			JH		1-1627	PLASMA
MAK		9-1431	PLASMA	57015	MAKSIMOV		8- 340	MECHANIK	22010	JH				5-1600	PLASMA
		3- 508	MASER, LASER	28045			9-2955	KOSM.-PHYSIK	94500				7-1571	PLASMA	60
		3-2567	OPT.-EIG.FK	73630			11- 708	ELEMENTART.	41546		MALMSKOB	SG	1-1141	KERNSPEKTR.	61
TH		6-2591	OPT.-EIG.FK	73620	MAKSYMOWICZ	A	10-1332	KERNREAKTIO	43092	B			3- 978	KERNSPEKTR.	62
		7- 546	MASER, LASER	28045		BP	2-2686	GRENZFL.FK	74573				4-1126	KERNSPEKTR.	63
		7- 551	MASER, LASER	28045		VI	11-3177	GRENZFL.FK	74535			4-1138	KERNSPEKTR.	64	
MAKAMURA	M	2- 446	HF-TECHNIK	27540	MAKUSHKIN	YS	1-1476	MOLEKUELE	52514	B		4-1142	KERNSPEKTR.	65	
		4-1783	FLUESSIGK.	58540			4-1479	MOLEKUELE	52536			4-1158	KERNSPEKTR.	66	
	JN	10-1876	FLUESSIGK.	58565			7-1414	MOLEKUELE	52530		MALNSTEN		1-1117	KERNSPEKTR.	67
MAKARENKO	LV	6-2586	OPT.-EIG.FK	73635	MAKUUCHI	K	11-1509	MOLEKUELE	52514	B			4-1143	KERNSPEKTR.	68
		12-2999	FK-SPEKTREN	73355			6-2696	GRENZFL.FK	74520				7-1134	KERNSPEKTR.	69
	YK	6- 598	KERN-MESSG.	40555		HH	9- 373	WAERME	24040			9- 660	KERN-MESSG.	70	
MAKARIUNAS	K	4-1079	KERNSPEKTR.	42510	MALACARA		5- 626	OPT. INSTRUM	28545	W		9- 987	KERNSPEKTR.	71	
		6- 950	KERNSPEKTR.	42560		SG	3-2818	LUFTHUELLE	90890		MALONEY	WT	4-2038	GITTERDYN.	72
		4-1079	KERNSPEKTR.	42510		VP	1-1412	ATOME	52060			LA		7-1014	KERNSTRUKT.
MAKARIUNENE	E	6- 950	KERNSPEKTR.	42560	MALAKHOV		10-1421	ATOME	52040	MM				11-1344	KERNREAKTIO
		4- 891	ELEMENTART.	41546		A	4- 873	ELEMENTART.	41543				6-1977	KRIST.FEHL.	75
	LA	6- 106	QUANTENTHEO	16526			9- 109	MATH.-PHYSIK	16020			3- 884	KERNSTRUKT.	76	
MAKAROVA	AF	12-1530	ATOME	52045	MALAMANT	E	12-1099	STARKE WW.	41762	VY		5-1979	KRIST.FEHL.	77	
	EF	2-1637	KRISTALLE	65540		M	5- 865	STARKE WW.	41710		EW		6- 85	VAKUUM	78
		6-2717	GRENZFL.FK	74535		DJ	11-2691	HALBLEITER	71530			JP		1-1443	MOLEKUELE
MAKARIN		7-2403	FK-SPEKTREN	73310	MALAN	S	1-2750	LUFTHUELLE	90880	P				10- 187	QUANTENTHEO
		9-1277	FK-SPEKTREN	73310			10-1334	K-REAKTOREN	43510		MALTBY			4-2750	IONOSPHERE
		9-2369	FK-SPEKTREN	73310		E	8-1274	K-REAKTOREN	43560				10-2964	SonnenPHYS.	82
MAKARYINA		9-2376	FK-SPEKTREN	73310	MALASEK		12-1415	K-REAKTOREN	43515	MALTSEV		AA	12-1605	MOLEKUELE	83
		11-2420	MAGN.-EIG.FK	69045		H	3-2243	LEITFHGK.FK	70056		AK		11-2236	THERMEIG.FK	84
		12-2855	FK-SPEKTREN	73310		CD	3-2261	LEITFHGK.FK	70065			EI		3- 696	KERN-MESSG.
MAKARYUNAS	KT	7-2154	MAGN.-EIG.FK	69035	MALDADO		4- 770	PHYS.OPTIK	29066	VM				5- 888	STARKE WW.
		11-2493	MAGN.-EIG.FK	69060		J	11-1678	PLASMA	57030				4- 970	STARKE WW.	87
	LG	3- 696	KERN-MESSG.	40505			3-2309	SUPRALEITG.	70530			4-1017	STARKE WW.	88	
MM		10- 906	STARKE WW.	41725	MALDY		11-2641	SUPRALEITG.	70530	NS		5- 901	STARKE WW.	89	
	NI	7- 589	MASER, LASER	28060		EY	3- 404	ELEKTRODYN.	26500		M		5-1161	KERNREAKTIO	90
		9- 541	MASER, LASER	28060		JC	7-1756	FLUESSIGK.	58530			NV		6- 848	STARKE WW.
VP		5-2306	LEITFHGK.FK	70010	MALECKI	A	11-1210	KERNREAKTIO	43030	YV				9-1037	KERNREAKTIO
		8-2282	LEITFHGK.FK	70053			11-1211	KERNREAKTIO	43030		NS			7- 651	OPT. INSTRUM
		10-2002	KRISTALLE	65588		G	12-3315	LUFTHUELLE	90815			M		12-2635	LEITFHGK.FK
VV		11-2863	FK-SPEKTREN	73325	MALEEV	SV	4-2159	MAGN.-EIG.FK	69030	MALTZ				9-1037	KERNREAKTIO
		2-2345	HALBLEITER	71566		D									

AV	8-1201	KERNREAKTIO	43040	MANFREDI	VR	7-1113	KERNSEKTR.	42560	MANTOVANI	S	9-1877	KRIST.FEHL.	66035	
GM	11-432	MASER,LASER	28030	MANFREDOTTI	C	2-1010	KERNREAKTIO	43026	MANUCEAU	J	8-312	STATISTIK	17560	
VA	11-1847	GASE	58025	MANG	HJ	9-1009	KERNREAKTIO	43024			12-300	STATISTIK	17560	
VI	7-543	MASER,LASER	28045			4-854	ELEMENTART.	41500			12-329	STATISTIK	17566	
	8-588	MASER,LASER	28045	MANGE	M	6-1694	FLUESSIGK.	58546			12-330	STATISTIK	17566	
	9-512	MASER,LASER	28045			6-1695	FLUESSIGK.	58546	MANUEL	AJ	12-2572	MAGN.EIG.FK	69060	
MIN	DI	9-432	ELEKTIZIT.	26050	MANGENEY	A	6-2874	SONNENPHYS.	93328		OK	9-957	KERNSEKTR.	42555
YM	4-990	STARKE WW.	41760			8-1653	PLASMA	57090	MANUILSKII	AD	4-2530	FK-SPEKTREN	73325	
ENKO	VK	3-2465	PHOTOLEITG.	72510		12-307	STATISTIK	17523	MANUKYAN	YS	9-646	KERN-MESSG.	40512	
IN	AA	7-1772	FLUESSIGK.	58570	MANGIARACINA	R.S.			MANUS	C	1-1538	PLASMA	57017	
	YA	1-1439	ATOME	52065		9-3017	BIOPHYSIK	96000			2-1436	PLASMA	57017	
		2-1186	ATOME	52065	MANH	DK	9-2447	FK-SPEKTREN	73330	MANWEILER	JE	10-917	STARKE WW.	41735
DDZE	YG	1-1748	FLUESSIGK.	58525		PT	4-1682	PLASH	57090	MANY	A	1-2245	LEITFHGK.FK	70072
		1-1751	FLUESSIGK.	58525	MANHEIMER	WM	10-1659	PLASMA	57026			2-1898	GITTERDYN.	67060
I	YA	11-2524	MAGN.EIG.FK	69070	MANI	GS	7-1205	KERNREAKTIO	43062			2-1899	GITTERDYN.	67060
KKHLISOV	V.I.					HS	8-1107	KERNSEKTR.	42540			11-3195	GRENZFL.FK	74570
		5-1038	KERNSEKTR.	42535		R	2-732	ELEMENTART.	41566	MANYKIN	EA	12-2798	HALBLEITER	71560
		9-900	KERNSTRUKT.	42040	MANIN	A	4-404	HYDRODYNAM.	23020			1-703	PHYS.OPTIK	29063
		9-932	KERNSEKTR.	42535	MANK	VV	12-868	BESCHLEUNIG	41020			1-2297	HALBLEITER	71500
		10-1077	KERNSEKTR.	42540	MANKA	CK	7-1737	FLUESSIGK.	58546	MANZ	B	8-678	OPT.INSTRUM	28580
		11-1201	KERNREAKTIO	43022			1-1696	PLASMA	57202	MANZHELII	VG	6-2124	THERM.EIG.FK	67530
		6-2731	GRENZFL.FK	74570			9-100	VAKUUM	13060	MANZHELII	VG	9-2006	THERM.EIG.FK	67520
DOV	DM	3-425	TEILCH.OPT.	27068	MANKO	BI	12-201	QUANTENTHEO	16526	MANZONI	G	4-2653	GEOPHYSIK	90000
PANI	G	11-2758	HALBLEITER	71570		MA	6-420	MASER,LASER	28050	MAO	HK	7-2007	MECH.EIG.FK	66545
EG	KK	1-1987	THERM.EIG.FK	67510			6-421	MASER,LASER	28050		S	7-2113	DIELEKTRIKA	68020
		3-1976	THERM.EIG.FK	67510			8-2407	OPT.EIG.FK	73620	MAOR	U	2-792	STARKE WW.	41725
	KP	11-1969	KRISTALLE	65510			11-456	MASER,LASER	28050			5-898	STARKE WW.	41730
WA	AZ	10-2512	PHOTOLEITG.	72510		VI	7-976	STARKE WW.	41760			11-841	STARKE WW.	41740
RF		5-2653	OPT.EIG.FK	73645			10-1266	KERNREAKTIO	43054	MAPLE	JHC	12-1080	STARKE WW.	41755
PHANIAN	E	11-3244	KOSM.STRLG.	90610	MANLEY	OP	3-411	ELEKTRODYN.	26540			1-2646	GRENZFL.FK	74535
NOV	YE	1-2039	DIELEKTRIKA	68095			5-2951	KOSM.PHYSIK	94540		MB	3-2350	METAL.LEITG	71010
YA	SP	1-2345	HALBLEITER	71530	MANN	A	12-326	STATISTIK	17563			11-2636	SUPRALEITG.	70530
	T	2-2295	SUPRALEITG.	70550		AK	3-737	ELEMENTART.	41546	MAPLETON	RA	2-1201	ATOME	52065
		12-2703	SUPRALEITG.	70550			3-743	ELEMENTART.	41546			6-1228	ATOME	52065
DO	A	3-2869	PLANETEN	93620			6-693	ELEMENTART.	41546			10-1443	ATOME	52065
N		6-2127	THERM.EIG.FK	67510		DB	6-1766	FLUESSIGK.	58550	MAPOTHER	DE	1-1984	THERM.EIG.FK	67510
M		11-1612	POLYMER	53530		E	9-2200	LEITFHGK.FK	70065			8-2331	SUPRALEITG.	70530
K		10-2566	FK-SPEKTREN	73325		HM	1-734	KERN-MESSG.	40540	MAPP	J	12-1038	STARKE WW.	41735
NOVA	TN	3-2213	LEITFHGK.FK	70038			8-776	KERN-MESSG.	40540	MAR	J	8-912	ELEMENTART.	41576
DOV	AP	4-2762	IONOSPHERE	91045		JB	8-1364	ATOME	52075	MARABELLA	L	6-1290	MOLEKULE	52536
VP		3-2759	KOSM.STRLG.	90633			9-616	PHYS.OPTIK	29048	MARACCI	O	7-1251	K-REAKTOREN	43510
		4-2707	KOSM.STRLG.	90633						MARADUDIN	GA	3-2356	GITTERDYN.	67040
	A	10-2914	LUFTHUELLE	90890		JE	10-817	BESCHLEUNIG	41040			4-2016	GITTERDYN.	67040
	T	1-2504	FK-SPEKTREN	73330	MAN JR.	LC	12-1234	KERNSEKTR.	42550			4-2445	FK-SPEKTREN	73330
		5-2597	FK-SPEKTREN	73330	MANNAMI	J	8-512	ELEKTRODYN.	26520			6-2054	MECH.EIG.FK	66545
	S	1-2733	LUFTHUELLE	90830		ME	2-2569	DUENNE SCHI	74010			7-2528	OPT.EIG.FK	73605
MA	R	2-1724	KRIST.FEHL.	66010			7-2236	LEITFHGK.FK	70056			8-2168	MAGN.EIG.FK	69025
		9-2336	HALBLEITER	71585			10-2048	KRIST.FEHL.	66062			9-1957	GITTERDYN.	67010
		11-2045	KRISTALLE	65584		MH	1-2211	LEITFHGK.FK	70056			11-2876	FK-SPEKTREN	73330
		11-3075	DUENNE SCHI	74020		MI	12-2285	KRIST.FEHL.	66035	MARAI	A	5-2266	MAGN.EIG.FK	69045
WIT	HM	11-3055	DUENNE SCHI	74010	MANNARI	I	7-2297	METAL.LEITG	71010	MARAKULINA	OS	9-2126	MAGN.EIG.FK	69045
SL		2-2014	FK-SPEKTREN	73370	MANNE	R	4-1376	ATOME	52045	MARAN	SP	11-2521	MAGN.EIG.FK	69070
		2-2015	FK-SPEKTREN	73370	MANNELLI	I	9-811	STARKE WW.	41725			6-28	TAGUNGEN	10575
	J	4-1008	STARKE WW.	41764			11-580	KERN-MESSG.	40560			7-2829	ASTROPHYSIK	93030
	P	1-2470	FK-SPEKTREN	73325			12-1006	STARKE WW.	41725	MARANESI	P	4-776	KERN-MESSG.	40505
		4-1876	FK-SPEKTREN	73310	MANNER	W	3-799	STARKE WW.	41725	MARANGELLI	B	2-657	KERN-MESSG.	40560
	A	12-2217	KRISTALLE	65588			8-1046	STARKE WW.	41773	MARANZANA	FE	2-2070	MAGN.EIG.FK	69020
EB		10-2840	ERDKOERPER	90240			10-890	STARKE WW.	41725	MARASANOV	VA	10-2500	HALBLEITER	71570
AM JR.	DD	7-2081	THERM.EIG.FK	67520			12-1056	STARKE WW.	41745	MARASCHI	L	8-2976	KOSM.PHYSIK	94530
MI	M	1-1768	FLUESSIGK.	58543	MANNERY	EJ	4-2874	KOSM.PHYSIK	94540	MARATHE	VR	11-2973	FK-SPEKTREN	73370
		4-702	PHYS.OPTIK	29000			9-2915	STERNE	94000	MARAVIGLIA	B	3-1553	FLUESSIGK.	58527
		4-2412	FK-SPEKTREN	73350			8-1199	KERNREAKTIO	43040			11-1899	FLUESSIGK.	58527
		8-2507	FK-SPEKTREN	73350	MANNHART	W	8-2447	FK-SPEKTREN	73310	MARAZUEV	YA	4-2366	HALBLEITER	71566
	MD	12-1197	KERNSEKTR.	42535	MANNHEIM	PD	9-1956	GITTERDYN.	67010	MARBURGER	JH	2-171	QU.FELDTHEO	17030
SK		4-1604	PLASMA	57033	MANNHEIMER	H	3-278	FELDTHEORIE	18060			4-293	STATISTIK	17523
	C	3-2480	FK-SPEKTREN	73315	MANNING	DJ	12-2065	FLUESSIGK.	58570	MARCATILI	EAJ	9-619	PHYS.OPTIK	29050
		9-1582	GASENTLADG.	57815		GS	1-1770	FLUESSIGK.	58546	MARCAZZAN	MG	10-1176	KERNREAKTIO	43008
		12-2865	FK-SPEKTREN	73315			4-1795	FLUESSIGK.	58546	MARCELJA	F	10-933	STARKE WW.	41745
	J	11-262	ELASTIZIT.	22520			8-1772	FLUESSIGK.	58546		S	10-934	STARKE WW.	41745
	L	2-583	PHYS.OPTIK	29035			8-1798	FLUESSIGK.	58565			6-2369	SUPRALEITG.	70520
		3-544	MASER,LASER	28060		I	12-220	QUANTENTHEO	16560	MARCIER	PJ	8-749	KERN-MESSG.	40503
		4-718	PHYS.OPTIK	29020		MR	7-1074	KERNSEKTR.	42545	MARCH	NH	3-2185	LEITFHGK.FK	70010
		4-780	KERN-MESSG.	40510	MANOJLOVIC	LM	12-2216	KRISTALLE	65588			5-1234	ATOME	52010
		5-575	MASER,LASER	28055	MANOLESCU	A	8-650	OPT.INSTRUM	28545			6-1636	FLUESSIGK.	58520
		8-684	OPT.INSTRUM	28595			9-2625	DUENNE SCHI	74010			7-246	STATISTIK	17563
LBROJT J		4-262	QU.FELDTHEO	17010	MANOOGIAN	A	8-2522	FK-SPEKTREN	73355			8-296	STATISTIK	17530
LKERN L		8-1509	POLYMER	53530			8-2524	FK-SPEKTREN	73355			12-1946	FLUESSIGK.	58520
M		11-832	STARKE WW.	41740			9-2486	FK-SPEKTREN	73355	PV		3-860	STARKE WW.	41767
LLI L		3-854	STARKE WW.	41764			12-3089	FK-SPEKTREN	73375			6-767	STARKE WW.	41725
		11-797	STARKE WW.	41725	MANOS	C	2-1761	KRIST.FEHL.	66030			10-1011	STARKE WW.	41790
LSHTAM SL		3-2739	KOSM.STRLG.	90630	MANNQUENOUILLE	R.						3-817	STARKE WW.	41740
		9-2862	SONNENPHYS.	93328			10-1271	KERNREAKTIO	43056			8-2322	SUPRALEITG.	70540
LSHTAM S		2-121	QUANTENTHEO	16578	MANRING	E	10-2890	LUFTHUELLE	90840	MARCHAL	E	7-1753	FLUESSIGK.	58562
		8-243	QUANTENTHEO	16588	MANSER	RM	12-3219	GRENZFL.FK	74510		J	7-1753	FLUESSIGK.	58562
		9-163	QUANTENTHEO	16582	MANSFIELD	P	5-2165	FK-SPEKTREN	73370		R	3-368	THERMODYN.	24520
		11-869	STARKE WW.	41755			11-2943	FK-SPEKTREN	73370	MARCHAND	A	1-2155	MAGN.EIG.FK	69065
		12-912	ELEMENTART.	41530			12-3038	FK-SPEKTREN	73370	MARCHELLO	JM	11-1651	PLASMA	57010
SL		3-1458	PLASMA	57256			12-3071	FK-SPEKTREN	73370	MARCHENKO	AI	4-2410	PHOTOLEITG.	72530
		5-2893	SONNENPHYS.	93316	MANSFIELD JR.	J.H.						12-2493	DIELEKTRIKA	68030
		8-2986	KOSM.PHYSIK	94540			10-623	OPT.INSTRUM	28513		VF	1-606	MASER,LASER	28060
WILLE CE		4-1826	FLUESSIGK.	58530	MANSIKKA	K	5-2024	MECH.EIG.FK	66514		VG	3-604	PHYS.OPTIK	29000
		5-1100	KERNSEKTR.	42570	MANSINGH	A	7-1748	FLUESSIGK.	58562		VM	12-617	MASER,LASER	28050
		6-966	KERNSEKTR.	42560	MANSINHA	L	4-2665	ERDKOERPER	90240	MARCHESINI	G	8-210	QUANTENTHEO	16560
		6-985	KERNSEKTR.	42565	MANSON	AH	10-2891	LUFTHUELLE	90840	MARCHETTI	MA	10-1569	MOLEKULE	52560
		6-986	KERNSEKTR.	42565		N	2-372	THERMODYN.	24556	MARCHI	RP	4-1407	ATOME	52065
		7-1133	KERNSEKTR.	42570			2-603	PHYS.OPTIK	29060	MARCIANO	C	6-596	KERN-MESSG.	40552
		2-103	QUANTENTHEO	16530			4-504	THERMODYN.	24556	MARCILLAT	J	3-321	HYDRODYNAM.	23060
ER	JW	12-1326	KERNREAKTIO	43040			5-451	THERMODYN.	24					

MARCOU	J	9- 713	BESCHLEUNIG	41020	MARIS	HJ	3-1906	GITTERDYN.	67010	MARRUS	R	1-1366	ATOME	5	
		12- 892	BESCHLEUNIG	41020			4-2035	GITTERDYN.	67060	MARS DE	G	9- 521	MASER, LASER	2	
MARCUS	AH	8-3018	KOSM. PHYSIK	94586		TAJ	5- 205	QU. FELDTHEO	17015	MARSAY	CJ	2-2644	GRENZFL. FK	2	
	HL	5-1866	FK-SPEKTREN	73310			8-1083	KERNSTRUKT.	42070	MARSDEN	BG	10-3004	PLANETEN	5	
		5-1895	FK-SPEKTREN	73310	MARISCOTTI	MA	9- 185	QU. FELDTHEO	17020		DGH	7-1370	ATOME	5	
	JA	3-2379	HALBLEITER	71520		MAJ	7- 764	KERN-MESSG.	40520		K	11-2958	FK-SPEKTREN	7	
		4-2223	LEITFHGK. FK	70024			8-1207	KERNREAKTIO	43048	MARSEGUERRA	M	11-2959	FK-SPEKTREN	7	
	L	7-1103	KERNSPEKTR.	42555			9- 909	KERNSTRUKT.	42075			10- 742	KERN-MESSG.	4	
	PH	11-2027	KRISTALLE	65574	MARISOVA	SV	9-2207	LEITFHGK. FK	70072			12-1423	K-REAKTOREN	4	
	SH	3-2210	LEITFHGK. FK	70028	MARJORAM	JR	9-1748	KRISTALLE	65516	MARSH	FW	11-2178	MECH. EIG. FK	6	
		4-2368	HALBLEITER	71570	MARK	H	4-2874	KOSM. PHYSIK	94540		OJ	1-1872	KRIST. FEHL.	6	
MARCUVITZ	N	2-1382	PLASMA	50707			5-2810	KOSM. STRLG.	90610			2-2395	HALBLEITER	7	
MARDIX	S	12-2271	KRIST. FEHL.	66035			8- 80	UNTERRICHT	12040			3-2268	LEITFHGK. FK	7	
MAR CHAL	A	4- 653	OPT. INSTRUM	28500			8-2981	KOSM. PHYSIK	94540			7-2547	HALBLEITER	7	
		4- 711	PHYS. OPTIK	29015			9-2977	KOSM. PHYSIK	94540			11-2750	HALBLEITER	7	
	B	3- 779	STARKE WW.	41710		P	11-3436	KOSM. PHYSIK	94540		RH	5-1067	KERNSPEKTR.	4	
		4- 969	STARKE WW.	41745			5-1510	POLYMERE	53535		WR	12-2083	FLUESSIGK.	5	
		6- 750	STARKE WW.	41710			12-2800	HALBLEITER	71563	MARSHAK	RE	1- 780	ELEMENTART.	4	
	J	5- 339	HYDRODYNAM.	23040			12-3232	GRENZFL. FK	74530			2- 701	ELEMENTART.	4	
		5- 340	WAERME	24060		SK	4-1244	KERNREAKTIO	43054			7- 859	ELEMENTART.	4	
MAREK	JJJ	8- 324	FELDTHEORIE	18042			8-1215	KERNREAKTIO	43054			12- 929	ELEMENTART.	4	
		10- 321	FELDTHEORIE	18042	MARKARIAN	BE	11- 584	KERN-MESSG.	40518	MARSHALEK	ER	1-1010	KERNSTRUKT.	4	
MAREL	G	5- 972	STARKE WW.	41764	MARKARIOUS	R	12-3443	STERNE	94050			7-1033	KERNSTRUKT.	4	
MAREL VAN DER	L.C.	12-2970	FK-SPEKTREN	73355	MARKARLOV	IP	1-1872	KRIST. FEHL.	66025	MARSHALKIN	VE	12-1401	KERNREAKTIO	4	
		4-1138	KERNSPEKTR.	42565		VV	12-1435	K-REAKTOREN	43540	MARSHALL	BJ	5-2018	MECH. EIG. FK	6	
MARELIUS	A	7-1134	KERNSPEKTR.	42570	MARKER	D	6- 617	KERN-MESSG.	40582			6-2016	MECH. EIG. FK	6	
MARENNIKOV	SI	12- 601	MASER, LASER	28040	MARKHAM	TP	11-1247	KERNREAKTIO	43052	CAM		4-2230	LEITFHGK. FK	7	
MARESCA	C	2- 269	HYDRODYNAM.	23020	MARKIN	AS	1-2747	LUFTUELE	90870	FG	10-2479	HALBLEITER	7		
		4-1787	FLUESSIGK.	58540			7- 543	MASER, LASER	28045	JH	4- 908	ELEMENTART.	4		
MARESCHAL	J	2-1696	MAGN. EIG. FK	69010			8- 588	MASER, LASER	28045			9-2826	ASTROPHYSIK	9	
		9-2078	MAGN. EIG. FK	69010		YA	9- 512	MASER, LASER	28045	SA	2-2035	FK-SPEKTREN	7		
		11-2325	MAGN. EIG. FK	69010	MARKINA	EA	7- 448	ELEKTRODYN.	26540			5-2196	FK-SPEKTREN	7	
		11-2481	MAGN. EIG. FK	69060	MARKISOV	VN	12-3284	GEOMAGNET.	90410			10-2619	FK-SPEKTREN	7	
MAREST	G	1-1084	KERNSPEKTR.	42550	MARKIZOV	VN	10- 992	STARKE WW.	41770		SW	3- 339	AKUSTIK	2	
		7-1095	KERNSPEKTR.	42550	MARKLEY	FL	8-1045	STARKE WW.	41770			5- 516	HF-TECHNIK	2	
		7-1130	KERNSPEKTR.	42565			8- 949	STARKE WW.	41725			5-1843	DISP. SYST.	5	
		10-1113	KERNSPEKTR.	42550	MARKLUND	K	4- 843	BESCHLEUNIG	41020		T	6-1182	ATOME	5	
		10-1114	KERNSPEKTR.	42550	MARKO	JR	4-1978	MECH. EIG. FK	66514	TC	3-1447	PLASMA	5		
MARET	MG	4-2810	ASTROPHYSIK	93020	MARKOCHEV	VM	12-2954	FK-SPEKTREN	73355	W	4-2140	MAGN. EIG. FK	6		
MARETTE	G	12- 557	TEILCH. OPT.	27068	MARKOV	BN	8-2042	MECH. EIG. FK	66516			10-2235	MAGN. EIG. FK	6	
MAREZIO	M	12-2194	KRISTALLE	65584	MARKOVITZ	D	2- 995	KERNSPEKTR.	42502			11-2301	MAGN. EIG. FK	6	
MARFAING	Y	5-2499	HALBLEITER	71566		MA	8-1439	MOLEKUELE	52540			11-2319	MAGN. EIG. FK	6	
		5-2535	PHOTOLEITG.	72510		MA	4- 325	FELDTHEORIE	18040			11-2369	MAGN. EIG. FK	6	
		10-2012	KRIST. FEHL.	66010		MN	10-3017	PLANETEN	93640		WL	5- 420	THERMODYN.	2	
MARFUNIN	AS	12-2888	FK-SPEKTREN	73325	MARKOVA	G	PK	11- 945	KERNSTRUKT.	42010	MARSICANIN	BS	5-1526	PLASMA	5
MARBERAND	D	3- 559	OPT. INSTRUM	28530	MARKOWITZ	H	VI	11- 400	TEILCH. OPT.	27068	MARSICAND	F	10-3084	KOSM. PHYSIK	9
MARGERIE	J	5-1274	ATOME	52030	MARKOWITZ	D	YF	11-2879	FK-SPEKTREN	73330	MARSOCCHI	VA	7-2580	DUENNE SCHI	7
		5-1275	ATOME	52030			G	6-1186	ATOME	52040	MARSTON	RL	6-2078	GITTERDYN.	6
		6-2566	OPT. EIG. FK	73610	MARKUS	G	11- 7	BIOGRAPHIEN	10220	MARTAKOVA	NK	12- 890	BESCHLEUNIG	4	
MARGOLIN	AM	6- 374	HF-TECHNIK	27500			6-2112	THERMEIG. FK	67520	MARTALOGU	N	10-1245	KERNREAKTIO	4	
MARGOLIS	B	9- 578	OPT. INSTRUM	28566		M	10-2430	SUPRALEITG.	70520	MARTEAU	P	5-1389	MOLEKUELE	52	
		2- 949	KERNSPEKTR.	42540		MM	3-1039	KERNREAKTIO	43048	MARTEGANI	G	6-2144	DIELEKTRIKA	6	
		5- 814	ELEMENTART.	41560			2-2231	LEITFHGK. FK	70056	MARTEL	P	11-2316	MAGN. EIG. FK	6	
		10- 866	ELEMENTART.	41570	MARKYTAN	M	4-1891	KRISTALLE	65584	MARTELLI	J	12-2834	PHOTOLEITG.	72	
		10-1248	KERNREAKTIO	43050			1- 954	STARKE WW.	41764	MARTELLUCCI	S	4-1693	PLASMA	57	
		11- 904	STARKE WW.	41780	MARLE	C	11- 809	STARKE WW.	41730			12-1852	PLASMA	57	
	DP	3- 313	HYDRODYNAM.	23040			1-1721	GASE	58025	MARTEN	R	7- 72	LABORTECHN.	12	
		4- 411	HYDRODYNAM.	23040	MARLOR	GA	3- 249	FELDTHEORIE	18010	MARTH	K	10- 561	MASER, LASER	28	
MARGOSHES	M	10-1400	ATOME	52020			2-2421	PHOTOLEITG.	72500	MARTI	C	5-2652	OPT. EIG. FK	73	
MARGOTTIN MACLOU	M.	5- 580	MASER, LASER	28055	MARLOW	KW	3-1747	KRIST. FEHL.	66020			12-2473	DIELEKTRIKA	68	
MARGRAVE	D	9-1943	MECH. EIG. FK	66545		WC	11-1083	KERNSPEKTR.	42555		JT	12-3150	OPT. EIG. FK	73	
MARGULIE	JL	1-1486	MOLEKUELE	52526	MARNET	P	6-1183	ATOME	52040		A	3-1095	K-REAKTOREN	43	
		8-1367	ATOME	52090	MARNEY	R	12-1937	GASE	58060			9-1115	K-REAKTOREN	43	
		9-1310	MOLEKUELE	52536			2- 294	HYDRODYNAM.	23060			1- 183	QUANTENTHEO	16	
		11-1543	MOLEKUELE	52536	MARMIER	P	5- 350	HYDRODYNAM.	23060			5- 867	STARKE WW.	41	
MARQUIER	G	10-1154	KERNSPEKTR.	42565			3-1027	KERNREAKTIO	43042			7- 896	STARKE WW.	41	
MARGULIES	S	6- 833	STARKE WW.	41770			6- 626	BESCHLEUNIG	41010			11- 128	QUANTENTHEO	16	
		11- 47	MESSEN	12240			6-1541	PLASMA	57235			11- 134	QUANTENTHEO	16	
MARGULIS	VB	6-2427	HALBLEITER	71566			7-1186	KERNREAKTIO	43052		AD	3- 806	STARKE WW.	41	
MARGVELASHVILI	I.O.	7-2031	GITTERDYN.	67000			10-1315	KERNREAKTIO	43085			10- 912	STARKE WW.	41	
		5-1060	KERNSPEKTR.	42550	MARMO	FF	11-1446	ATOME	52065			11- 806	STARKE WW.	41	
MARIA	H	5-1102	KERNSPEKTR.	42570	MARONCHNIK	LS	12- 814	KERN-MESSG.	40532		AJ	7- 959	STARKE WW.	41	
		5-1103	KERNSPEKTR.	42570	MAROLI	C	6-1346	MOLEKUELE	52575		AW	1- 280	FELDTHEORIE	18	
		6-1004	KERNSPEKTR.	42575			8- 338	MECHANIK	22010			4- 230	QUANTENTHEO	16	
MARIA DE	HJ	4-2427	FK-SPEKTREN	73320			6-1486	PLASMA	57070			6- 134	QUANTENTHEO	16	
	AJ	12- 597	MASER, LASER	28040	MAROM	E	10-1668	PLASMA	57033		BR	6- 142	QUANTENTHEO	16	
MARIA SUBE	RF	10-2195	THERMEIG. FK	67550			3- 590	OPT. INSTRUM	28570			2- 698	ELEMENTART.	41	
MARIAM	S	1- 334	HYDRODYNAM.	23020	MARONCHUK	IE	5- 669	PHYS. OPTIK	29030			6- 758	STARKE WW.	41	
		1-1473	MOLEKUELE	52536		YE	10- 671	OPT. INSTRUM	28570			6- 831	STARKE WW.	41	
		9-1252	MOLEKUELE	52510	MARONI	CD	6-2663	DUENNE SCHI	74040		CR	8- 966	STARKE WW.	41	
MARIANI	E	4-2383	HALBLEITER	71585			6-2663	DUENNE SCHI	74040		BW	4- 475	WAERME	24	
MARICLE	DL	8-2628	OPT. EIG. FK	73660	MARQUARD	CD	8-1060	KERNSTRUKT.	42010			10-2686	OPT. EIG. FK	73	
MARIETTI	P	4-2606	GRENZFL. FK	74520		J	12-2523	MAGN. EIG. FK	69020		CS	12-3176	DUENNE SCHI	74	
MARIKIAN	GA	1- 968	STARKE WW.	41783			12-2544	MAGN. EIG. FK	69030		DH	12-2303	KRIST. FEHL.	66	
MARIKYAN	GA	4- 822	KERN-MESSG.	40560		CL	2-1435	PLASMA	57216		DL	2- 327	WAERME	24	
		6- 846	STARKE WW.	41780			9- 358	WAERME	24023			8- 456	WAERME	24	
MARIN	PC	6- 711	ELEMENTART.	41563	MARQUARDT	W	12-2959	FK-SPEKTREN	73355			11-2226	THERMEIG. FK	67	
MARINA	DM	11- 799	STARKE WW.	41725			6-3012	STRAHL. BIOL	97020		DW	4-2654	ERDKORPER	9	
	M	9-2322	HALBLEITER	71570	MARQUES	I	8-2787	LUFTUELE	90890		ER	6-2783	KOSM. STRLG.	90	
MARINCU	E	8-1239	KERNREAKTIO	43080		M	10-1125	KERNSPEKTR.	42555		F	4- 912	ELEMENTART.	41	
		9-1082	KERNREAKTIO	43080		MI	9-2176	LEITFHGK. FK	70028			5- 124	MATH. PHYSIK	16	
MARINESCU	A	3-2887	PLANETEN	93655	MARQUES DOS SANTOS	P.	6- 991	KERNSPEKTR.	42565		FE	11- 832	STARKE WW.	41	
		10- 346	MECHANIK	22050			9-2837	Sonnenphys.	93300		FJ	6-2726	GRENZFL. FK	74	
	N	3- 835	STARKE WW.	41753	MARQUET	L	4- 23	BIOGRAPHIEN	10220		FW	9-1412	POLYMERE	53	
		5- 950	STARKE WW.	41755		LC	1-1400	ATOME	52045			7- 768	KERN-MESSG.	40	
		5- 951	STARKE WW.	41755		M	2- 554	OPT. INSTRUM	28570			11-2138	KRIST. FEHL.	66	
		8- 936	STARKE WW.	41710			8- 677	OPT. INSTRUM	28570		G	7-1931	KRIST. FEHL.	66	
MARINET	D	1- 493	ELEKTRODYN.	26540	MARQUEZ	L	12- 704	OPT. INSTRUM	28570		GW	12-2269	KRIST. FEHL.	66	
MARINKOVIC	M	8-1696	GASENT												

IN	M	1- 953 STARKE WW.	41764	MARYOTT	AA	4-1439 MOLEKUELE	52510	MASPERI	L	12-1025 STARKE WW.	41725
		2-1166 ATOME	52040			8-1460 MOLEKUELE	52562	MASRI	FN	12-1623 MOLEKUELE	52536
		2-1167 ATOME	52040	MARZAT	C	11-1782 PLASMA	57210	MASRY	SE	5- 269 MECHANIK	22032
		5- 973 STARKE WW.	41764	MARZINIAK	R	12- 128 LABORTECHN.	12570	MASS	J	4-2761 IONOSPHERE	91045
		10- 370 HYDRODYNAM.	23020	MARZULLO	S	7-2116 DIELEKTRIKA	68020	MASSA	I	8-1060 KERNSTRUKT.	42010
MC		4-2001 MECH.EIG.FK	66556	MARZVALADZE	NM	6-2801 LUFTHUELLE	90820	MASSALSKEI	J	10-1001 STARKE WW.	41783
		7-2300 METAL.LEITG	71010	MARZZACCO	C	3-2458 FK-SPEKTREN	73345		TB	11-2111 KRIST.FEHL.	66035
MD		5- 603 OPT.INSTRUM	28516	MAS	G	2- 584 PHYS.OPTIK	29035	MASAM	T	1- 958 STARKE WW.	41764
		7- 583 MASER,LASER	28060			4- 735 PHYS.OPTIK	29035			5- 955 STARKE WW.	41760
P		6-1085 KERNREAKTIO	43064	MASALOV	VL	10-1685 PLASMA	57050			12-1016 STARKE WW.	41725
PA		11- 202 STATISTIK	17530	MASANI	A	10-3066 STERNE	94060	MASARO	TA	12-1017 STARKE WW.	41725
PC		5-1530 PLASMA	57015	MASBERNAT	L	5- 313 HYDRODYNAM.	23020	MASSE	R	9- 322 HYDRODYNAM.	23050
		11-1897 FLUESSIGK.	58525	MASCALL	AJ	7-1793 KRISTALLE	65510	MASSEL	GA	4-2453 FK-SPEKTREN	73330
PJ		12-1146 KERNSTRUKT.	42010	MASCARENHAS	S	7-2349 HALBLEITER	71563	MASSEN	CH	9-1111 K-REAKTOREN	43515
RH		12-2765 HALBLEITER	71530			10-2604 FK-SPEKTREN	73340	MASSEN	O	8- 143 VAKUUM	13013
RJ		10-2602 FK-SPEKTREN	73340			12-2301 KRIST.FEHL.	66076	MASNET		2- 433 TEILCH.OPT.	27040
RM		1-1432 ATOME	52085			12-3253 GRENZFL.FK	74540			5-2729 DUENNE SCHI	74050
TE		12-2072 FLUESSIGK.	58573			12-3254 GRENZFL.FK	74540			11-3138 DUENNE SCHI	74050
TP		3-2515 FK-SPEKTREN	73330			12-3255 GRENZFL.FK	74540			11-3140 DUENNE SCHI	74050
		7-2440 FK-SPEKTREN	73330	MASCHKE	A	9- 766 ELEMENTART.	41570	MASSEY	GA	12-3017 FK-SPEKTREN	73360
IN BOUYER M.		9-2597 OPT.EIG.FK	73640		EK	8-1611 PLASMA	57055		WE	2- 322 AKUSTIK	23570
IN BRUNETIERE F.		12-2834 PHOTOLEITG.	72510	MASCRE	C	8- 477 THERMODYN.	24530			8-1739 FLUESSIGK.	58525
		2-2550	73535	MASE	H	2-1812 KRIST.FEHL.	66079			10-1819 FLUESSIGK.	58525
IN JR. HJ		4- 949 STARKE WW.	41735	MASEK	K	1-2181 LEITFHGK.FK	70024	MASSEN	B	12-2374 GITTERDYN.	67000
INA	H	2-2575 DUENNE SCHI	74010			8-1631 PLASMA	57070		D	9-1648 FLUESSIGK.	58525
INELLI R		1-1280 K-REAKTOREN	43510			12-1730 PLASMA	57010			1- 765 ELEMENTART.	41510
INEU J		4- 689 OPT.INSTRUM	28566	MASERJIAN	J	8-2650 DUENNE SCHI	74040			6- 657 ELEMENTART.	41530
INEZ A		2-2551 OPT.EIG.FK	73640			8-2651 DUENNE SCHI	74040			8- 931 STARKE WW.	41710
	G	11-2206 MECH.EIG.FK	66556	MASERMANN	H	7- 823 BESCHLEUNIG	41010	MASSENET	L	10- 210 QUANTENTHEO	16575
INI A		10-3066 STERNE	94060	MASETS	YP	11-3276 LUFTHUELLE	90820			3- 812 STARKE WW.	41735
	M	4-2340 HALBLEITER	71540	MASH	DS	2-1526 GASE	58060	MASSTON	JN	11- 824 STARKE WW.	41735
		10- 808 BESCHLEUNIG	41030		DI	5-1789 FLUESSIGK.	58546	MASSTO	A	1-1202 KERNREAKTIO	43044
	S	12-2046 FLUESSIGK.	58565	MASHAROV	SI	3-2247 LEITFHGK.FK	70076	MASTALKA		4-1128 KERNPEKTRE	42560
INI DE F		1- 520 TEILCH.OPT.	27068	MASHCHENKO	VE	9-2656 DUENNE SCHI	74060			6- 961 KERNPEKTRE	42560
		7- 584 MASER,LASER	28060	MASHENKOV	VA	9- 504 MASER,LASER	28040			6- 974 KERNPEKTRE	42560
INIS M		1- 172 QUANTENTHEO	16556			9-1300 MOLEKUELE	52528	MASTEL	B	8-1159 KERNPEKTRE	42560
INOLI P		10-2427 SUPRALEITG.	70520	MASHKEVICH	VS	10-2581 FK-SPEKTREN	73325		BC	1-1895 KRIST.FEHL.	66065
INOT K		8-1603 PLASMA	57050			2-2521 OPT.EIG.FK	73610	MASTERS	BJ	11-3077 DUENNE SCHI	74020
INOV N		10-2405 LEITFHGK.FK	70072			3- 492 MASER,LASER	28035		CF	2-1736 KRIST.FEHL.	66020
		11- 402 HF-TECHNIK	27520			3- 493 MASER,LASER	28035			4-1293 K-REAKTOREN	43510
		11-1761 PLASMA	57085			4- 614 MASER,LASER	28035	MASTICHIN	J	12-3162 DUENNE SCHI	74010
		11-3211 GRENZFL.FK	74576			4- 629 MASER,LASER	28050	MASTINU	VM	6-2100 GITTERDYN.	67060
		12-1897 GASENTLADG.	57840			5- 538 MASER,LASER	28035		G	3-1532 FLUESSIGK.	58510
INS	NK	12-1626 MOLEKUELE	52536			5- 540 MASER,LASER	28035	MASUDA	F	5-1740 FLUESSIGK.	58540
INS DE A.P.	P.	12- 222 QUANTENTHEO	16560	MASHKOVA	ES	7- 530 MASER,LASER	28035		H	7- 644 OPT.INSTRUM	28550
INSON EN		12- 153 VAKUUM	13025			10- 65 BUECHER	11020		K	7-1795 KRISTALLE	65514
INUZZI S	RH	4- 132 LABORTECHN.	12515			2-1207 ATOME	52060			1-2348 HALBLEITER	71530
INROSS IM		6-2639 DUENNE SCHI	74010	MASHKOVICH	MD	5-1970 KRIST.FEHL.	66035			5-1816 FLUESSIGK.	58568
ISOVITS V		9- 674 KERN-MESSG.	40570			5-1873 KRIST.FEHL.	66010		M	12-2782 HALBLEITER	71530
ITSHENKO O.I.		2-2837 SONNENPHYS.	93340	MASHKOVICH	VP	11-1384 KERNSTRUKT.	44030			7- 730 KERN-MESSG.	40520
		10-2748 DUENNE SCHI	74010	MASHOVETS	TV	4-2074 FLUESSIGK.	58530			2-2597 DUENNE SCHI	74020
		3-2482 FK-SPEKTREN	73320			5-1223 KERNSTRUKT.	44010			7- 761 KERN-MESSG.	40520
DOOS MS		12- 144 VAKUUM	13016			1-1904 KRIST.FEHL.	66065		N	7-1168 KERNREAKTIO	43024
OSSENYUK TD		10-2787 DUENNE SCHI	74050	MASHTAKOV	VS	3-1839 KRIST.FEHL.	66065		Y	12-3208 DUENNE SCHI	74050
OSINOVSKII A.M.		7-1621 GASENTLADG.	57810			5-2010 KRIST.FEHL.	66076			6- 838 STARKE WW.	41773
		11-1833 GASENTLADG.	57860	MASHUKOV	YP	6-1870 KRIST.FEHL.	66010	MASUI	H	1-2148 FK-SPEKTREN	73370
OTILA OJ		8-1149 KERNPEKTRE	42555	MASI DE	VR	6-1986 KRIST.FEHL.	66065			3-2051 FK-SPEKTREN	73370
USOV ET		4- 963 STARKE WW.	41740	MASIC	R	3-2581 OPT.EIG.FK	73650			12-2722 SUPRALEITG.	70550
Y N		10-1257 KERNREAKTIO	43054			5-2578 FK-SPEKTREN	73325			2-2520 OPT.EIG.FK	73610
	R	1- 64 MESSEN	12250	MASHUKOV	YP	9-2561 OPT.EIG.FK	73610	MASUMI	T	10-2585 FK-SPEKTREN	73325
YENENKO MD		10- 356 ELASTIZIT.	22520	MASI DE	VR	7-2958 BIOPHYSIK	96040			2-2240 HALBLEITER	71540
	TP	12-2326 KRIST.FEHL.	66079	MASIC	R	3-1189 ATOME	52085	MASUMOTO	H	6-2216 FK-SPEKTREN	73365
		12-2327 KRIST.FEHL.	66079	MASIMOV	EA	3-1190 ATOME	52085		K	10-2189 THERMEIG.FK	67530
	YV	12-2296 KRIST.FEHL.	66062			7-1702 FLUESSIGK.	58527	MASUOKA	T	7-2304 HALBLEITER	71500
YNOV AD		9-2461 FK-SPEKTREN	73340	MASKAWA	T	5- 929 STARKE WW.	41750			5-2559 FK-SPEKTREN	73315
	AS	5- 976 STARKE WW.	41764	MASKER	WE	6-2369 SUPRALEITG.	70520	MASUYAMA	T	6-2868 SONNENPHYS.	93316
	ED	11-2185 MECH.EIG.FK	66545			8-2320 SUPRALEITG.	70520			8-2404 HALBLEITER	71540
	GA	7-1768 FLUESSIGK.	58565	MASLEDOV	DN	2-2359 HALBLEITER	71540			11-2705 HALBLEITER	71530
		9-2211 SUPRALEITG.	70510	MASLEN	VW	1-1813 KRISTALLE	65530	MATACHUN	AT	6-1407 PLASMA	57010
YNOVA KV		6-2761 GEOMAGNET.	90440			5-1907 KRISTALLE	65572	MATACHUN	IE	11-1354 K-REAKTOREN	43515
	LF	4-2199 MAGN.EIG.FK	69065	MASLENNIKOV	MY	8-1885 KRISTALLE	65572	MATANO	K	4-2555 DUENNE SCHI	74010
	SV	8-2131 DIELEKTRIKA	68020	MASLENNIKOVA V.P.		3- 233 STATISTIK	17540	MATARRESE	LM	6-2199 FK-SPEKTREN	73355
YSHEV YN		12-2279 KRIST.FEHL.	66035			4-1511 MOLEKUELE	52528	MATCHA	RL	6-1252 MOLEKUELE	52510
YANI J		9-2492 FK-SPEKTREN	73355	MASLIN	EE	7-1242 KERNREAKTIO	43092			3-1201 MOLEKUELE	52512
YKAWA K		3-1813 KRIST.FEHL.	66035	MASLOV	OD	10-1504 MOLEKUELE	52512	MATE	G	9-1261 MOLEKUELE	52512
		4-1939 KRIST.FEHL.	66035		PG	8- 475 THERMODYN.	24520		KV	10-1504 MOLEKUELE	52512
YORI T		2- 930 KERNSTRUKT.	42075			12-1647 MOLEKUELE	52550		CL	11-1495 MOLEKUELE	52512
		3- 955 KERNPEKTRE	42560		YN	2-2325 HALBLEITER	71520	MATEE	M	3- 664 KERN-MESSG.	40505
		8-1072 KERNSTRUKT.	42020			2-2612 DUENNE SCHI	74040			12- 701 OPT.INSTRUM	28570
		11-1001 KERNSTRUKT.	42075	MASLOVA	LV	10-1914 KRISTALLE	65518	MATEER		4-2721 LUFTHUELLE	90815
YNO S		3-2655 DUENNE SCHI	74065	MASLOVSKAYA ZA		8- 475 THERMODYN.	24520	MATEEV		2- 151 QU.FELDTHEO	17010
		6-1671 FLUESSIGK.	58530	MASLYUKOV	YS	4- 814 KERN-MESSG.	40540		MD	10- 885 STARKE WW.	41720
YSSKA HP		10- 587 MASER,LASER	28050	MASON	AA	5-2042 MECH.EIG.FK	66540			7- 887 ELEMENTART.	41586
YTYAN NA		6- 854 STARKE WW.	41783		BJ	12-3093 FK-SPEKTREN	73380	MATEVOSIAN	KA	10- 854 ELEMENTART.	41563
YAYAMA E		1-1974 GITTERDYN.	67060			8-2751 LUFTHUELLE	90815	MATEVOSYAN	KA	12- 248 QUANTENTHEO	16578
	H	4-1892 KRISTALLE	65586		DC	8-2754 LUFTHUELLE	90820			1- 968 STARKE WW.	41783
		4-1893 KRISTALLE	65586		DE	12-1109 STARKE WW.	41764			4- 822 KERN-MESSG.	40560
		12-2253 KRIST.FEHL.	66025		DL	10-2746 DUENNE SCHI	74010	MATHE	G	6- 846 STARKE WW.	41780
	S	10-2302 MAGN.EIG.FK	69050		DR	12- 948 ELEMENTART.	41560			1-1120 KERNPEKTRE	42560
	T	5-2670 OPT.EIG.FK	73620			1-2296 HALBLEITER	71530	MATHEAU	JC	9- 653 KERN-MESSG.	40520
		8-2190 MAGN.EIG.FK	69035		EA	8-1856 KRISTALLE	65545			12- 804 KERN-MESSG.	40520
		12-1742 PLASMA	57023			1-1720 GASE	58010	MATHER	DS	2- 436 TEILCH.OPT.	27058
YAN M		8- 44 BUECHER	11040			2-1508 GASE	58025			7-1248 KERNREAKTIO	43092
YIN TP		11-1329 KERNREAKTIO	43080			3-1502 GASE	58025		JW	12- 765 KERN-MESSG.	40503
YMAHA AS		6-1723 FLUESSIGK.	58560			5- 236 STATISTIK	17540	MATHERN	F	12-1914 GASENTLADG.	57840
	E	1- 259 FELDTHEORIE	18020			6-1423 PLASMA	57030	MATHERS	JE	1-1903 KRIST.FEHL.	66065
		4- 258 QU.FELDTHEO	17010			6-1597 GASE	58025	MATHESON	AJ	3-2594 OPT.EIG.FK	73625
		6- 164 QU.FELDTHEO	17020			6-1602 GASE	58025			2-1544 FLUESSIGK.	58530
		8- 55 UNTERRICHT	12025			9-1608 GASE	58025			2-1557 FLUESSIGK.	58540
		8- 198 QUANTENTHEO	16530			4-1940 MECH.EIG.FK	66516	MATHEVON	G	7-1675 FLUESSIGK.	58500
	G	1- 827 ELEMENTART.	41566			9-1812 KRISTALLE	65580			11-1872 FLUESSIGK.	58510
		1-2853 KOSM.PHYSIK	94583			6-2783 KOSM-STRUKT.	90640			2- 664 KERN-MESSG.	40582
		12- 918 ELEMENTART.	41540			5-2849 IONOSPHERE	91050	MATHEWS	CW	8-1417 MOLEKUELE	52526
	H	4- 771 PHYS.OPTIK	29070			10- 935 STARKE WW.	41745		FS	11-2024 KRISTALLE	65572
KD		12-1774 PLASMA	57055			7-1758 FLUESSIGK.	58562		PM	1- 151 QUANTENTHEO	16526
	R	8-1451 MOLEKUELE	52547			2-1552 FLUESSIGK.	58540	MATHEWSON		2-2832 SONNENPHYS.	93326
MAKHIN AA		2-2495 FK-SPEKTREN	73335			3-1942 GITTERDYN.	67060			5-2011 KOSM-STRUKT.	90610
		8-2247 LEITFHGK.FK	70024	MASPERI							

MATHIEU J	7-1767	FLUESSIGK.	58565	MATSUNAGA FM	3-1276	MOLEKUELE	52585	MATYUSHIN AT	4- 823	KERN-MESSG.	4
JC	10- 345	MECHANIK	22050		4-1542	MOLEKUELE	52570		4-1008	STARKE WW.	4
HY	6-1699	FLUESSIGK.	58550	MATSUNAMI H	3-2388	HALBLEITER	71520		12- 842	KERN-MESSG.	4
PH	5-2767	GRENZFL.FK	74535	M	11-3071	DUEENNE SCHI	74010	VT	12-1108	STARKE WW.	4
MATHIEZ P	10- 124	VAKUUM	13025	T	10-2914	LUFTHUELLE	90890		3- 696	KERN-MESSG.	4
MATHIS JS	5-2926	STERNE	94040	MATSUOKA M	7-2520	FK-SPEKTREN	73380		4- 823	KERN-MESSG.	4
S	5-2806	GEOMAGNET.	90460		8-2404	HALBLEITER	71540		4-1008	STARKE WW.	4
MATHISEN RP	11-1361	K-REAKTOREN	43550		10-2682	FK-SPEKTREN	73380		12- 842	KERN-MESSG.	4
MATHON J	9-2102	MAGN.EIG.FK	69030		11-2705	HALBLEITER	71530		12-1108	STARKE WW.	4
MATHUR BP	2-1506	GASE	58025	SI	11- 59	LABORTECHN.	12570	MATYUSHKIN EV	4-2527	OPT.EIG.FK	7
	4-1742	GASE	58025	T	8- 928	STARKE WW.	41700		4-2531	OPT.EIG.FK	7
	10-1784	GASE	58025		8- 929	STARKE WW.	41700		9-2579	OPT.EIG.FK	7
BS	1-1364	ATOME	52030		8- 972	STARKE WW.	41730		2-2242	LEITFHGK.FK	7
	5-1296	ATOME	52075	MATSUSHIMA I	9-1939	MECH.EIG.FK	66545	MATZ D	12-2666	LEITFHGK.FK	7
	5-1692	GASENTLADG.	57895	S	8-2878	PLANETEN	93612		4-1329	KERNSTRHLG.	6
HB	3-1661	FK-SPEKTREN	73310		9-1926	MECH.EIG.FK	66545	MATZKE H	8-1935	KRIST.FEHL.	6
	7-2407	FK-SPEKTREN	73310		9-1927	MECH.EIG.FK	66545		11-2083	KRIST.FEHL.	6
	9-1855	KRIST.FEHL.	66025	Y	9-1094	KERNREAKTIO	43092		11-2135	KRIST.FEHL.	6
	11-2813	FK-SPEKTREN	73310	MATSUSHITA S	1-2694	GEOMAGNET.	90430	HJ	2-1799	KRIST.FEHL.	6
JN	9-1131	KERNSTRHLG.	44010		9-2805	IONOSPHERE	91050	MATZNER R	9- 236	FELDTHEORIE	1
KC	3- 564	OPT.INSTRUM	28540	MATSUURA K	2-1403	PLASMA	57085	MAU AE	3-2057	FK-SPEKTREN	7
MS	9-1317	MOLEKUELE	52540		3-1415	PLASMA	57085	MAU NV	5- 802	ELEMENTART.	4
PC	5-1804	FLUESSIGK.	58562		11- 498	OPT.INSTRUM	28530	RV	8- 205	QUANTENTHEO	1
S	2-1515	GASE	58025		11-1735	PLASMA	57060	MAUCLAIRE G	8-1451	MOLEKUELE	5
	3-1516	GASE	58025	OT	9-2777	LUFTHUELLE	90860	MAUDE AD	2-2804	IONOSPHERE	9
	3-1518	GASE	58025		9-2837	Sonnenphys.	93300		3-1604	DISP.SYST.	5
SC	1-1206	KERNREAKTIO	43046	S	1-2086	FK-SPEKTREN	73355		6-1772	DISP.SYST.	5
	2-1021	KERNREAKTIO	43044	T	6-2363	SUPRALEITG.	70510	MAUERSBERGER P	2- 252	HYDRODYNAM.	2
VK	7-1800	KRISTALLE	65530	MATSUYAMA S	8-2660	DUEENNE SCHI	74050		8-2737	GEOMAGNET.	9
VS	1- 812	ELEMENTART.	41546	T	1-1879	KRIST.FEHL.	66030	MAUGEN Y	1- 164	QUANTENTHEO	1
	2- 701	ELEMENTART.	41540	MATSUZAKI R	2-1496	PLASMA	57253	MAUJEAN M	1-1411	ATOME	5
	2- 734	STARKE WW.	41764		12-1768	PLASMA	57050	MAURACH G	11- 35	BUECHER	1
	3- 829	STARKE WW.	41753	MATSUZAWA M	7-1342	ATOME	52065	MAURENZIG PR	2-1055	KERNREAKTIO	4
	4- 885	ELEMENTART.	41546	MATT E	11- 67	VAKUUM	13040		3- 962	KERNSPKTR.	4
	4-1002	STARKE WW.	41764	W	6- 835	STARKE WW.	41770		5-1086	KERNSPKTR.	4
	5- 970	STARKE WW.	41764		6- 836	STARKE WW.	41770		12- 216	QUANTENTHEO	1
	11- 706	ELEMENTART.	41546	MATTABONI P	4-2719	LUFTHUELLE	90810	MAURER A	8- 494	ELEKTRIZIT.	2
	12- 933	ELEMENTART.	41546	MATTEI G	10-1701	PLASMA	57070	G	11- 851	STARKE WW.	4
MATINYAN EG	12- 940	ELEMENTART.	41546	MATTER U	10-1315	KERNREAKTIO	43085	MAURET P	9-1289	MOLEKUELE	5
SG	7- 663	OPT.INSTRUM	28570	MATTES HB	4-2282	SUPRALEITG.	70520	MAURIN C	3-1421	PLASMA	5
	1- 816	ELEMENTART.	41546	R	12-1579	MOLEKUELE	52510	J	9- 313	HYDRODYNAM.	2
	11- 908	STARKE WW.	41780	MATTHEW JAD	3-1911	GITTERDYN.	67010	MAURO R	4-2009	GITTERDYN.	2
MATJAGIN VS	10-3005	PLANETEN	93620		10-2135	GITTERDYN.	67010	G	6- 988	KERNSPKTR.	4
MATLAK M	12-2539	MAGN.EIG.FK	69025		11-2584	LEITFHGK.FK	70072	MAUSHART R	4-2912	STRAHL.BIOL	9
MATODA K	11- 545	PHYS.OPTIK	29045	MATTHEWS DL	9-2735	GEOMAGNET.	90470		5-2997	STRAHL.BIOL	9
	10-1121	KERNSPKTR.	42555	HE	12-2768	HALBLEITER	71530	MAVROIDES JG	1-2528	OPT.EIG.FK	7
	12-1251	KERNSPKTR.	42555	JL	10-1203	KERNREAKTIO	43024	MAVROMATIS HA	4-1084	KERNSPKTR.	4
MATOCCHKIN EP	11- 651	BESCHLEUNIG	41010		11-1199	KERNREAKTIO	43022		8-1034	STARKE WW.	4
MATONE G	3- 734	ELEMENTART.	41543	JW	5-1851	KRISTALLE	65514		11- 882	STARKE WW.	4
	6- 554	KERN-MESSG.	40512		10-2758	DUEENNE SCHI	74010	MAVROYANNIS C	12-2842	OPT.EIG.FK	7
MATORA IM	11- 666	BESCHLEUNIG	41040		10-2759	DUEENNE SCHI	74010		12-2843	OPT.EIG.FK	7
MATOSSE F	5- 709	PHYS.OPTIK	29083		10-2760	DUEENNE SCHI	74010	MAVRYCHEV BS	6-2989	KOSM.PHYSIK	9
	5-2564	FK-SPEKTREN	73325	KJ	4-1691	PLASMA	57203	MAXFIELD YW	3-1933	GITTERDYN.	2
	9-2270	HALBLEITER	71520	ML	5-2992	SEHEN	96618		3-2302	SUPRALEITG.	7
MATRAI M	11-2801	PHOTOLEITG.	72510	PT	1- 790	ELEMENTART.	41540		4-2305	SUPRALEITG.	7
MATRONITSKY YS	12-2824	HALBLEITER	71585		1- 903	STARKE WW.	41753	MAXIA V	2-1094	KERNREAKTIO	4
MATSAKOV AA	1-1972	GITTERDYN.	67060		12- 252	QUANTENTHEO	16582		2-1095	KERNREAKTIO	4
	8-2549	FK-SPEKTREN	73365	PW	7-2087	THERMEIG.FK	67520		2-1096	KERNREAKTIO	4
MATSAKOVA AY	12-2716	SUPRALEITG.	70530		9- 96	VAKUUM	13030		11-3045	OPT.EIG.FK	7
MATSCH L	10- 374	HYDRODYNAM.	23020		11-3092	DUEENNE SCHI	74040	MAXIM G	6-2263	MAGN.EIG.FK	6
MATSCHINSKI M	11- 264	ELASTIZIT.	22520	MATTHIAE G	1- 877	STARKE WW.	41740		8-2194	MAGN.EIG.FK	6
MATSEN FA	8-1390	MOLEKUELE	52512	BT	2-2276	SUPRALEITG.	70540	MAXIMENKO GI	12-2456	THERMEIG.FK	6
	9-1262	MOLEKUELE	52512		3-2330	SUPRALEITG.	70550	MAXIMON LC	7-1161	KERNREAKTIO	4
	9-1263	MOLEKUELE	52512		4-2293	SUPRALEITG.	70530		11-1246	KERNREAKTIO	4
	9-1264	MOLEKUELE	52512		6-2381	SUPRALEITG.	70550	MAXIMOVSKY SN	1-2439	OPT.EIG.FK	7
	9-1280	MOLEKUELE	52514		8-2345	SUPRALEITG.	70550	MAXON MS	6-1515	PLASMA	5
MATSON EA	2-2610	DUEENNE SCHI	74040		11-2635	SUPRALEITG.	70540	MAXSON DR	2-1029	KERNREAKTIO	4
MATSONASHVILI B.N.	12-2477	DIELEKTRIKA	68020		12-2717	SUPRALEITG.	70540		3- 956	KERNSPKTR.	4
	1- 232	STATISTIK	17526	E	1-1022	KERNSPKTR.	42510		9-1023	KERNREAKTIO	4
MATSUBARA T	8-1393	KRIST.FEHL.	66060	MATTHIJSSEN AP	9-2039	THERMEIG.FK	67553		9-1024	KERNREAKTIO	4
	4-2007	GITTERDYN.	67010	MATTING A	12-2188	KRISTALLE	65580	MAXWELL CJ	12-3489	BIOPHYSIK	9
MATSUDA H	5-2067	GITTERDYN.	67010	MATTIOLI M	4-1662	PLASMA	57070	E	3-2292	SUPRALEITG.	7
	8-1392	FK-SPEKTREN	73330		8-1645	PLASMA	57085		9-2225	SUPRALEITG.	7
I	2-2679	GRENZFL.FK	74570	MATTIS DC	6-2223	MAGN.EIG.FK	69020	GB	11- 496	OPT.INSTRUM	2
J	7- 66	LABORTECHN.	12515		10-1390	ATOME	52010	GM	3-2449	THERMOELEKT	7
K	2- 560	OPT.INSTRUM	28570		11- 200	STATISTIK	17530	HN	4- 80	UNTERRICHT	1
	2-1059	KERNREAKTIO	43056	MATTISON DR	11-2910	FK-SPEKTREN	73355	KJ	8-1901	KRISTALLE	6
	3- 687	KERN-MESSG.	40532	MATTOS MC	10-1488	ATOME	52080	PC	11- 572	KERN-MESSG.	4
	8- 770	KERN-MESSG.	40532	MATTOX DM	3-2612	DUEENNE SCHI	74010	R	1-2249	LEITFHGK.FK	7
	12-1734	PLASMA	57015	MATUCHA KH	7-1999	MECH.EIG.FK	66545	MAXWORTHY TP	8-1598	PLASMA	5
S	2- 688	ELEMENTART.	41510	K	1-1053	KERNSPKTR.	42540	MAXYUTENKO BT	1-1275	KERNREAKTIO	4
	2- 773	STARKE WW.	41710	MATUKURA Y	6-2480	HALBLEITER	71580	MAY AD	4- 24	BIOGRAPHIEN	1
	5- 852	STARKE WW.	41700	MATULENKO YA	12- 848	KERN-MESSG.	40570		4- 30	TAGUNGEN	1
	6- 762	STARKE WW.	41725	MATULIONIS A	4-2400	PHOTOLEITG.	72510		8-1830	DISP.SYST.	5
	8- 932	STARKE WW.	41710		6-2492	PHOTOLEITG.	72500		12-1934	GASE	5
	9- 725	ELEMENTART.	41510	MATULIS A	11-1411	ATOME	52010	CA	12-2101	KRISTALLE	6
	9- 794	STARKE WW.	41700	AY	10-2392	LEITFHGK.FK	70056	EF	7-1200	KERNREAKTIO	4
	9- 803	STARKE WW.	41700	MATUMOTO KI	5- 862	STARKE WW.	41700	JC	6-1393	POLYMERE	5
	10- 944	STARKE WW.	41753	S	2-2585	DUEENNE SCHI	74010	JW	2-2656	GRENZFL.FK	7
T	2-2673	GRENZFL.FK	74535	MATUMURA O	3-2529	FK-SPEKTREN	73330	LF	5- 740	KERN-MESSG.	4
	8-1920	KRISTALLE	65588		6-2085	GITTERDYN.	67020		5-2147	DIELEKTRIKA	6
	9-1069	KERNREAKTIO	43070	MATUNAGA M	7- 295	MECHANIK	22038		10-2192	THERMEIG.FK	6
MATSUDAIRA Y	3-2102	MAGN.EIG.FK	69025	MATUSEVICH ES	4-1238	KERNREAKTIO	43052	M	2- 557	OPT.INSTRUM	2
	5-2241	MAGN.EIG.FK	69025		9-1038	KERNREAKTIO	43050		8- 699	PHYS.OPTIK	2
MATSUI A	11-2354	MAGN.EIG.FK	69025	MATUSZEK J	6-1052	KERNREAKTIO	43044	RM	3-1328	PLASMA	5
	3-2476	FK-SPEKTREN	73325	MATVEENKO AV	9-2565	OPT.EIG.FK	73610		6-1230	ATOME	5
	6-1399	POLYMERE	53546	LI	8-2991	KOSM.PHYSIK	94550		11-1187	KERNREAKTIO	4
MATSUKAWA Y	8-1675	PLASMA	57250	OG	9-1545	PLASMA	57235		11-1289	KERNREAKTIO	4
MATSUKI S	11-1333	KERNREAKTIO	43080		11- 652	BESCHLEUNIG	41010	TH	7-1003	KERNSTRUKT.	4
MATSUMOTO K	7-2489	FK-SPEKTREN	73355		11- 653	BESCHLEUNIG	41010	I	8-2056	MECH.EIG.FK	6
M	1-2815	STERNE	94025	MATVEEV OA	4- 814	KERN-MESSG.	40540	AF	2-2589	DUEENNE SCHI	7
	9-2929	STERNE	94025	VI	10- 604	MASER,LASER	28055		7-2609	DUEENNE SCHI	7
	10-2126	MECH.EIG.FK	66593	VV	3-2219	LEITFHGK.FK	70045	MAYANTS LS	9-1345	MOLEKUELE	5
	10-2303	MAGN.EIG.FK	69050	YA	2- 460	MASER,LASER	28030		11-1568	MOLEKUELE	5
	11-3403	STERNE	94025	MATVEEVA ET	9-2734	GEOMAGNET.	90450	MAYAUD PN	4-2682	GEOMAGNET.	9
	11-3404	STERNE	94025	IG	12-2996	FK-SPEKTREN	73355		8-2728	GEOMAGNET.	9
	12-1742	PLASMA	57023	NM	5-2411	SUPRALEITG.	70540	MAYBANK J	3-1610	KRISTALLE	6
	12-3434	STERNE	94020		10- 554	MASER,LASER	28030		4- 489	THERMODYN.	2
T	12-2364	MECH.EIG.FK	66593	MATVEYETS YI	10-1170	KERNSPKTR.	42575	MAYCOCK JN	4-2380	HALBLEITER	7
Y	1- 779	ELEMENTART.	41520	VI	6-1891	KRIST.FEHL.	66025		8-1370	ATOME	5
MATSUMURA T	2-2340	HALBLEITER	71530	M	4-2329	HALBLEITER	71520	MAYEDA K	12-3155	DUEENNE	

MAYER - MCGRORY

CH	11-3440	KOSM.PHYSIK	94550	MCCARTHY	IE	11-1184	KERNREAKTIO	43012	MCDICKEN	WN	4- 783	KERN-MESSG.	40512
FJ	9- 528	MASER, LASER	28055	J	6-1059	KERNREAKTIO	43048		MCDONALD	AB	5-1225	KERNSTRHLG.	44030
G	1-2540	FK-SPEKTREN	73380	JP	1-2617	DUENNE SCHI	74040				6- 914	KERNESPEKTR.	42535
	5- 471	ELEKTRODYN.	26500	JS	4-1204	KERNREKTIO	43032			BE	11-1056	KERNESPEKTR.	42545
	5-2609	FK-SPEKTREN	73340		4-1205	KERNREKTIO	43034			CA	7-2835	SONNENPHYS.	93300
	8- 723	PHYS.OPTIK	29045		9-1012	KERNREKTIO	43032			DL	12-1769	PLASMA	57053
	9-1304	MOLEKUELE	52534		10-1209	KERNREKTIO	43044			F	2-1684	KRISTALLE	65576
H	11-2896	FK-SPEKTREN	73340		10-1212	KERNREKTIO	43038			FB	6- 790	STARKE WW.	41745
	9-1243	ATOME	52085		11-1231	KERNREKTIO	43048			GM	8-2866	SONNENPHYS.	93340
	9-1673	FLUESSIGK.	58540	KA	10-2179	THERMEIG.FK	67520			IR	12-2452	THERMEIG.FK	67556
	11-3101	DUENNE SCHI	74040	MF	2-2819	ASTROPHYSIK	93020				2-2012	FK-SPEKTREN	73370
	12-2470	DIELEKTRIKA	68020	RJ	5-1001	KERNSTRUKT.	42020				8-1783	FLUESSIGK.	58555
	12-3223	GRENZFL.FK	74560		7-1008	KERNSTRUKT.	42020				9-1618	GASE	58040
JW	1-1872	KRIST.FEHL.	66025		8-1109	KERNESPEKTR.	42540			J	4-1115	KERNESPEKTR.	42555
	3-2268	LEITFHGK.FK	70074		11-1029	KERNESPEKTR.	42540				8-1145	KERNESPEKTR.	42555
	3-2430	HALBLEITER	71566	MCCARTY	RD	3- 56	MESSEN	12230		JF	5- 160	QUANTENTHEO	16530
	5- 735	KERN-MESSG.	40520	MCCAULEY	GP	11- 138	QUANTENTHEO	16580		KL	11-3228	GEOMAGNET.	90430
	7-2346	HALBLEITER	71560	MCCUNE	J	11-1758	PLASMA	57070		PF	6-2202	FK-SPEKTREN	73355
	7-2347	HALBLEITER	71560	MCCHESENEY	HR	10-1571	MOLEKUELE	52562		RE	10-1066	KERNESPEKTR.	42540
	9-1849	KRIST.FEHL.	66025	MCCLAINE	LA	6-2741	ERDKOERPER	90210		WJ	11-1047	KERNESPEKTR.	42540
	11-2068	KRIST.FEHL.	66010	MCCLATCHEY	RA	8-2922	STERNE	94020			10-1283	KERNREKTIO	43064
	11-2750	HALBLEITER	71570	MCCLELLAN	EA	7-1004	KERNSTRUKT.	42010			11-1306	KERNREKTIO	43064
SW	8-1461	MOLEKUELE	52575		11-1256	KERNREKTIO	43052		MCDONNELL	JAM	3-2872	PLANETEN	93630
WG	7-2932	KOSM.PHYSIK	94540	MCCLAY	JF	3-2846	MAGNETOSPH.	91280		M	12-1254	KERNESPEKTR.	42560
	1- 541	MASER, LASER	28030		4-2688	GEOMAGNET.	90450		MCDONOUGH	JM	2-1856	MECH.EIG.FK	66550
	8- 435	AKUSTIK	23570		12- 963	ELEMENTART.	41574		MCDUGALD	M	12-2572	MAGN.EIG.FK	69060
	8-2079	GITTERDYN.	67600	MCCLELLAN	G	12- 963	ELEMENTART.	41574	MCDOWELL	CA	1-1504	MOLEKUELE	52547
KUCKUK T	7- 628	OPT.INSTRUM	28535	MCCLELLAN	PVE	8-2099	THERMEIG.FK	67520			1-1509	MOLEKUELE	52547
SS	10-1398	ATOME	52010	MCCLELLAN	DS	9-2365	FK-SPEKTREN	73300			4-1539	MOLEKUELE	52585
DF	11-1794	PLASMA	57253	MCCLELLAN	GW	8-1343	ATOME	52065			6-1366	MOLEKUELE	52553
TW	11- 613	KERN-MESSG.	40565		J	3-1043	KERNREKTIO	43054			12-1697	MOLEKUELE	52585
VM	10-1011	STARKE WW.	41790		JA	10- 930	STARKE WW.	41740		JR	8-2648	DUENNE SCHI	74040
PR	11- 929	STARKE WW.	41790		JP	7-2781	IONOSPHERE	91020	MCDUFF	OP	2- 464	MASER, LASER	28035
ESHEV	1- 556	MASER, LASER	28040		JW	2-2238	LEITFHGK.FK	70065			11- 437	MASER, LASER	28035
R	10-2069	KRIST.FEHL.	66070			6-1065	KERNREKTIO	43054		GE	5-1767	FLUESSIGK.	58540
HG	11-2241	THERMEIG.FK	67520			9-2201	LEITFHGK.FK	70065	MCEACHRAN	RP	4-1445	MOLEKUELE	52512
	3-2821	IONOSPHERE	91020	MCCOLLUM	DC	3-1968	THERMEIG.FK	67510			4-1446	MOLEKUELE	52512
	9-2793	IONOSPHERE	91020		WA	3-1973	THERMEIG.FK	67510			4-1447	MOLEKUELE	52512
IP	8- 611	MASER, LASER	28060		ST	9-2021	THERMEIG.FK	67550			4-1448	MOLEKUELE	52512
TF	1- 440	THERMODYN.	24520	MCCOMAS	ST	6- 250	THERMODYN.	23020			7-1386	MOLEKUELE	52512
R	5-2813	KOSM.STRLG.	90630	MCCONALOGUE	DJ	2-1572	FLUESSIGK.	58550			12-1470	ATOME	52010
	11-3272	KOSM.STRLG.	90646	MCCONKEY	JW	8-1315	ATOME	52024			12-1472	ATOME	52010
U	11-1604	MOLEKUELE	52580			9-1178	ATOME	52024	MCELANEY	JH	1-1354	ATOME	52024
A	5- 494	TEILCH.OPT.	27016			10-1594	MOLEKUELE	52580	MCEARNEY	JN	2-2153	MAGN.EIG.FK	69060
SKY	1-2378	SUPRALEITG.	70540			12-1464	ATOME	52010			3-2139	MAGN.EIG.FK	69050
	2-1730	KRIST.FEHL.	66015	MCCONN	C	11-2789	PHOTOLEITG.	72510			12-2568	MAGN.EIG.FK	69060
DJ	8-1994	KRIST.FEHL.	66065	MCCONNELL	HM	7-2278	SUPRALEITG.	70530	MCELHINNY	MW	7-2702	GEOMAGNET.	90430
	11-2139	KRIST.FEHL.	66065		J	10-1262	KERNREKTIO	43054	MCELLIGOT	DM	9- 378	WAERME	24060
	12-2309	KRIST.FEHL.	66065		JC	12- 189	QUANTENTHEO	16516	MCELLIGOTT	PE	3- 91	VAKUUM	13013
VP	7- 819	KERN-MESSG.	40595		LT	11-1459	ATOME	52070			6-2706	GRENZFL.FK	74535
ULIN	6- 636	BESCHLEUNIG	41020		WJ	11-3294	LUFTHUELLE	90880	MCELLISTREM	MT	6- 934	KERNREKTIO	43044
UOLITE GE	4-2344	HALBLEITER	71540			11-2598	LEITFHGK.FK	70095			10-1218	KERNREKTIO	43044
CHENKO AF	11-2587	LEITFHGK.FK	70072	MCCONNELL JR. R.K.		5-2794	ERDKOERPER	90250	MCELROY	DL	7-2088	THERMEIG.FK	67520
DM	8- 744	PHYS.OPTIK	29083			6-2741	ERDKOERPER	90210		JA	11-2689	HALBLEITER	71530
RM	11-2047	KRISTALLE	65584			4- 495	THERMODYN.	24533		JM	12-2950	FK-SPEKTREN	73355
	7- 245	STATISTIK	17563	MCCONVILLE	GT	11-3381	PLANETEN	93612			2- 751	ELEMENTART.	41574
	8- 471	THERMODYN.	24510	MCCORD	T	11-3381	PLANETEN	93612			2- 756	ELEMENTART.	41586
LYTE G	12-1710	POLYMERE	53525		TB	11- 514	OPT.INSTRUM	28556			3- 689	KERN-MESSG.	40532
GE	8-2303	LEITFHGK.FK	70072	MCCORMICK	GC	3- 653	PHYS.OPTIK	29080		MB	8-2874	PLANETEN	93610
A	6-2446	HALBLEITER	71540		MP	11-3283	LUFTHUELLE	90860			8-2883	PLANETEN	93613
J	6-1924	KRIST.FEHL.	66035		PD	3-2798	LUFTHUELLE	90860			9-2872	PLANETEN	93612
A	10-2043	KRIST.FEHL.	66040		WW	10-2809	GRENZFL.FK	74535			11-3304	IONOSPHERE	91020
P	12-2427	THERMEIG.FK	67510	MCCOUGH JR. JB		10- 649	OPT.INSTRUM	28550	MCEVOY	JP	3-2337	SUPRALEITG.	70550
	3- 223	STATISTIK	17526			1-1085	KERNESPEKTR.	42550	MCEWEN	DJ	2-2810	MAGNETOSPH.	91226
	3-2058	FK-SPEKTREN	73350	MCCOURT	FR	1-1719	GASE	58025			11-3335	IONOSPHERE	91076
	11- 174	STATISTIK	17520			9-1621	GASE	58050		JG	1-1242	KERNREKTIO	43062
	11-1025	KERNESPEKTR.	42535	MCCOURTNEY	EJ	7- 394	WAERME	24040			9- 807	STARKE WW.	41710
ROZYK	10-2516	PHOTOLEITG.	72510	MCCOY	BC	4-2610	GRENZFL.FK	74530	MCFARLAND	RH	2-1197	ATOME	52070
RENKO	10- 697	PHYS.OPTIK	29045		BM	5-2234	MAGN.EIG.FK	69025			11-1413	ATOME	52070
	10- 710	PHYS.OPTIK	29060		JE	11-3254	KOSM.STRLG.	90633	MCFARLANE	ID	5- 82	LABORTECHN.	12530
YT	9-1613	GASE	58025	MCCOYD	GC	6- 524	PHYS.OPTIK	29060		WK	3- 737	ELEMENTART.	41546
ARELL	2-1331	POLYMERE	53535	MCCRACKEN	GM	1-2646	GRENZFL.FK	74535			3- 743	ELEMENTART.	41546
ETTI	4-2168	MAGN.EIG.FK	69040		KG	7-2642	GRENZFL.FK	74535	MCFARLIN	WA	6- 581	KERN-MESSG.	40522
IOTTI	11- 104	QUANTENTHEO	16530			3-2734	KOSM.STRLG.	90630			10- 818	BESCHLEUNIG	41040
OLAI	9-1983	GITTERDYN.	67070			3-2735	KOSM.STRLG.	90630	MCFEE	JH	5-2618	FK-SPEKTREN	73380
DNE	7- 685	PHYS.OPTIK	29038			3-2736	KOSM.STRLG.	90630	MCGARRY	WI	7-1003	KERNSTRUKT.	42010
JCATO	10-1667	PLASMA	57033			6-2958	KOSM.PHYSIK	94540	MCGEE	IJ	2- 737	ELEMENTART.	41570
UCCONI F	5-2897	SONNENPHYS.	93324			11-3301	IONOSPHERE	91020			2-1231	MOLEKUELE	52512
AMS	7- 75	LABORTECHN.	12530			11-3302	IONOSPHERE	91020			5-1126	KERNREKTIO	43032
EE	7-1462	MOLEKUELE	52575			11-3377	SONNENPHYS.	93340		JD	9-2828	ASTROPHYSIK	93020
EE JR. KB	3-1321	PLASMA	57030	MCCRACKIN	FL	8-2674	GRENZFL.FK	74530		RX	4-2886	KOSM.PHYSIK	94550
UFF	11-1528	MOLEKUELE	52524	MCCRAY	R	10-3099	KOSM.PHYSIK	94550			4-2887	KOSM.PHYSIK	94550
ISTER	8-2457	FK-SPEKTREN	73315	MCCREA	J	12- 84	BUECHER	11040			8-2968	KOSM.PHYSIK	94520
	12-2860	FK-SPEKTREN	73315		WH	1-2842	KOSM.PHYSIK	94560	MCGHIE	AR	10-1907	KRISTALLE	65510
LISTER	3- 501	MASER, LASER	28045			6- 213	FELDTHEORIE	18030	MCGIE	NR	10- 851	ELEMENTART.	41563
DREW	4-1378	ATOME	52050			10-3107	KOSM.PHYSIK	94560	MCGILL	TC	3-2540	OPT.EIG.FK	73610
WHAN	10- 803	BESCHLEUNIG	41030	MCCRICKERD	JT	9- 579	OPT.INSTRUM	28570		WJ	9-3018	HOEREN	96310
HOY	8- 399	MASER, LASER	28040	MCCUBBIN JR. T.K.		1- 640	OPT.INSTRUM	28553	MCGILLIS	DA	8-1484	MOLEKUELE	52575
IE	9-1572	PLASMA	57279			6-1517	PLASMA	57093	MCGINN	G	6-1158	MOLEKUELE	52510
TH	9-1626	FLUESSIGK.	58510			7-2852	SONNENPHYS.	93326			8-1297	ATOME	52010
HEEN	1-2722	KOSM.STRLG.	90646			11- 894	STARKE WW.	41767	MCGLINN	WD	7- 873	ELEMENTART.	41570
FFERTY	9-1307	MOLEKUELE	52536			12- 671	OPT.INSTRUM	28530	MCGLYNN	SP	4-1504	MOLEKUELE	52528
FFERY	2-2655	GRENZFL.FK	74530	MCCULLOUGH	AW	12- 671	OPT.INSTRUM	28530			5-1379	MOLEKUELE	52516
LLUM	10-2699	OPT.EIG.FK	73610		BA	2- 601	PHYS.OPTIK	29060	MCGORMICK	P	5-2048	MECH.EIG.FK	66545
	4-1559	ATOME	52035		RL	8-1516	POLYMERE	53535	MCGOWAN	FK	5-1056	KERNESPEKTR.	42550
	1-1067	KERNESPEKTR.	42545			1-2374	HALBLEITER	71540			12-1392	KERNREKTIO	43080
MMON	10-1099	KERNESPEKTR.	42545	MCCUMBER	DE	1-2375	HALBLEITER	71540		JW	3-1271	MOLEKUELE	52580
ROLL	9-2840	SONNENPHYS.	93314			8-2309	SUPRALEITG.	70520			10-1454	ATOME	52070
	11-3166	GRENZFL.FK	74535	MCCURRIE	RA	3-2127	MAGN.EIG.FK	69040			10-1589	MOLEKUELE	52580

MCGRORY	JB	11-1060	KERN-SPEKTR.	42545	MCLINTOCK	IS	5-2757	GRENZFL.FK	74530	MECKE	R	9-2420	FK-SPEKTR	73	
		11-1073	KERN-SPEKTR.	42550	MCLOUGHLIN	D	12-794	KERN-MESSG.	40520	MECKLER	A	12-331	FELDTHEORIE	18	
MCGUIRE	TR	9-1821	KRISTALLE	65588	MCMAHON	DH	2-2501	FK-SPEKTR	73380	MEDICUS	G	5-1617	PLASMA	57	
		11-2470	MAGN.EIG.FK	69060			4-436	AKUSTIK	23510		HA	10-1105	KERN-SPEKTR.	42	
MCHALE	ET	12-503	THERMODYN.	24556		JM	7-538	MASER,LASER	28045	MEDKO	GS	12-2352	MECH.EIG.FK	66	
MCHARGUE	CJ	9-1843	KRIST.FEHL.	66020		PE	8-1516	POLYMERE	53535	MEDLIN	WL	7-1900	KRIST.FEHL.	66	
MCILRAITH	AH	6-444	OPT.INSTRUM.	28530		TJ	1-966	STARKE WW.	41783	MEDNIS	LY	9-1677	FLUESSIGK.	58	
MCILWAIN	CE	3-2722	GEOMAGNET.	90440			8-2288	LEITFHGK.FK	70056		PM	12-2673	LEITFHGK.FK	70	
	JF	10-2825	GRENZFL.FK	74576	MCMANUS	WJ	8-537	TEILCH.OPT.	27068	MEDVED	AI	7-1994	MECH.EIG.FK	66	
						GM	11-2019	KRISTALLE	65572		DB	7-647	OPT.INSTRUM.	28	
						H	7-1183	KERNREAKTIO	43054		SV	5-916	STARKE WW.	41	
MCILWRAITH	N	11-618	KERN-MESSG.	40570			9-1042	KERNREAKTIO	43054	MEDVEDEV	AI	6-948	KERN-SPEKTR.	42	
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MCINERNEY	JJ	4-1312	KERNSTRHLG.	44010	MCMAHON	TA	3-961	KERN-SPEKTR.	42560		ES	9-1430	PLASMA	57	
MCINTIRE	GN	11-1441	ATOME	52060			3-980	KERN-SPEKTR.	42565		MN	12-3154	OPT.EIG.FK	73	
MCINTOSH	AI	11-1677	PLASMA	57030			5-1057	KERN-SPEKTR.	42550		MY	3-2094	MAGN.EIG.FK	69	
	BA	3-2871	PLANETEN	93630			5-1070	KERN-SPEKTR.	42555		SA	1-2439	OPT.EIG.FK	73	
		4-2839	PLANETEN	93630	MCMILLAN	EM	3-28	TAGUNGEN	10545		VA	12-117	LABORTECHN.	12	
CBG		5-2975	KOSH.PHYSIK	94583		JA	8-92	UNTERRICHT	12055		VK	1-2645	GRENZFL.FK	74	
MCINTYRE	DA	8-2187	MAGN.EIG.FK	69035			10-2619	FK-SPEKTR	73355		VN	5-2675	FK-SPEKTR	73	
		11-2395	MAGN.EIG.FK	69035		M	6-869	KERNSTRUKT.	42010			6-2568	OPT.EIG.FK	73	
	JA	5-1175	KERNREAKTIO	43085		TS	11-56	LABORTECHN.	12570			8-2474	FK-SPEKTR	73	
		12-815	KERN-MESSG.	40530	MC MULLEN	CC	4-1117	KERN-SPEKTR.	42555			12-2887	FK-SPEKTR	73	
		12-816	KERN-MESSG.	40530	MC MURDIE	HF	8-1904	KRISTALLE	65584		WA	1-1723	GASE	58	
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	LC	4-1240	KERNREAKTIO	43054	MC MURRAY	WR	4-1271	KERNREAKTIO	43075	MEDVEDYEV	BY	6-172	QU.FELDTHEO	17	
MCKEAN	DC	12-2907	FK-SPEKTR	73330			9-676	KERN-MESSG.	40580	MEE	CD	3-2083	MAGN.EIG.FK	69	
		12-2914	FK-SPEKTR	73330			12-1368	KERNREAKTIO	43064			4-2484	OPT.EIG.FK	73	
MCKEAN JR.	HP	1-110	MATH.PHYSIK	16020	MC MURRY	HL	9-1959	GITTERDYN.	67010		CHB	3-2683	GRENZFL.FK	74	
MCKEE	BTA	5-1225	KERNSTRHLG.	44030	MCNAMARA	AG	5-2857	IONOSPHERE	91072			7-491	TEILCH.OPT.	27	
	CS	4-2626	GRENZFL.FK	74535		B	2-1400	PLASMA	57085			8-532	TEILCH.OPT.	27	
		9-2687	GRENZFL.FK	74535			9-1565	PLASMA	57263			10-2718	OPT.EIG.FK	73	
	JSC	1-1252	KERNREAKTIO	43075			10-175	QUANTENTHEO	16526			11-3193	GRENZFL.FK	74	
		1-1258	KERNREAKTIO	43075		DH	6-2915	STERNE	94020	MEECHAM	JE	4-2544	DUENNE SCHI	74	
		3-876	KERNSTRUKT.	42010	MCNAMEE	P	12-926	ELEMENTART.	41546		WC	12-443	HYDRODYNAM.	23	
		3-1049	KERNREAKTIO	43054	MCNEAL	RJ	5-1488	MOLEKUELE	52575	MEEHAN	EJ	12-2087	DISP.SYST.	59	
		6-619	KERN-MESSG.	40584			11-1582	MOLEKUELE	52575			12-2088	DISP.SYST.	59	
		7-1002	KERNSTRUKT.	42010	MCNEELY	JB	6-2121	THERMEIG.FK	67530	MEEKINS	JF	4-2819	SONNENPHYS.	93	
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	BHJ	7-1078	KERNSTRUKT.	42045		MB	2-1625	KRISTALLE	65530	MEER	ML	4-2871	KOSH.PHYSIK	94	
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MCKENNA	LW	4-567	HF-TECHNIK	27530	MCNEILL	FA	4-2792	IONOSPHERE	91076			9-2008	THERMEIG.FK	67	
		6-1388	POLYMERE	53542		KG	1-1156	KERN-SPEKTR.	42575	MEERLENDER	G	8-369	HYDRODYNAM.	23	
		11-1635	POLYMERE	53546			5-1123	KERNREAKTIO	43024			8-370	HYDRODYNAM.	23	
MCKENZIE	DP	5-2800	ERDKOERPER	90260			5-1125	KERNREAKTIO	43026	MEESSEN	A	5-2991	SEHEN	58	
		7-2683	ERDKOERPER	90210		W	10-2079	KRIST.FEHL.	66079	MEETEN	GH	10-1871	FLUESSIGK.	96	
DS		12-1706	POLYMERE	53525	MCNELLY	TF	6-2554	FK-SPEKTR	73340	MEFED	AE	9-2530	FK-SPEKTR	73	
J		3-697	KERN-MESSG.	40555	MCNICHOLAS	JV	3-338	AKUSTIK	23530	MEFEO	AE	12-3036	FK-SPEKTR	73	
		10-1010	STARKE WW.	41790	MCNICHOLS	JL	8-2015	KRIST.FEHL.	66076	MEFFROY	J	2-234	MECHANIK	22	
JF		7-442	ELEKTRODYN.	26500	MCNICOL	BD	12-2822	HALBLEITER	71585			9-254	MECHANIK	22	
		7-443	ELEKTRODYN.	26500	MCNIFF JR.	EJ	1-468	ELEKTIRIZIT.	26030	MEGAW	HD	10-2011	KRIST.FEHL.	66	
		8-1656	PLASMA	57093			3-2148	MAGN.EIG.FK	69060		JHP	10-1016	KERNSTRUKT.	42	
		10-1724	PLASMA	57096			5-2278	MAGN.EIG.FK	69060	MEGERLIN	FJ	11-1256	KERNREAKTIO	43	
JM		4-812	KERN-MESSG.	40540			6-2231	MAGN.EIG.FK	69025	MEGOS	W	12-1118	STARKE WW.	41	
		12-2817	HALBLEITER	71580			9-420	ELEKTIRIZIT.	26016	MEGILL	LR	1-2764	IONOSPHERE	91	
RL		12-1836	PLASMA	57093			10-2322	MAGN.EIG.FK	69065			7-2773	IONOSPHERE	91	
MCKEOWN	M	3-966	KERN-SPEKTR.	42565			11-2461	MAGN.EIG.FK	69060	MEGLI	DG	6-966	KERN-SPEKTR.	42	
		3-967	KERN-SPEKTR.	42565	MCNULTY	PJ	9-672	KERN-MESSG.	40565			6-986	KERN-SPEKTR.	42	
		9-941	KERN-SPEKTR.	42545	MCNULY	RC	8-113	LABORTECHN.	12525	MEGRUE	GH	4-646	MASER,LASER	28	
MCKERRELL	A	7-180	QUANTENTHEO	16582	MCNULY	SD	4-1447	MOLEKUELE	52512	MEHL	JB	10-1829	FLUESSIGK.	58	
MCKIBBEN	JL	12-812	KERN-MESSG.	40527			4-1448	MOLEKUELE	52512		W	3-2422	HALBLEITER	71	
MCKINLEY	JD	12-3237	GRENZFL.FK	74535			7-1386	MOLEKUELE	52512	MEHLHORN	W	5-2504	HALBLEITER	71	
	WA	12-335	FELDTHEORIE	18020	MC PHERRON	RL	9-2721	GEOMAGNET.	90440			3-1171	ATOME	52	
MCKINNEY	JL	5-85	LABORTECHN.	12530			9-2722	GEOMAGNET.	90440			5-1256	ATOME	52	
	JT	3-1927	GITTERDYN.	67020			9-2723	GEOMAGNET.	90440	MEHNERT	R	7-1197	KERNREAKTIO	43	
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DE		12-3353	IONOSPHERE	91045	MCQUARRIE	DA	6-1259	MOLEKUELE	52512	MEHRA	A	2-1645	KRISTALLE	65	
MCKINNON	JB	7-2284	SUPRALEITG.	70550	MCQUEEN	HJ	6-2049	MECH.EIG.FK	66540			6-2506	FK-SPEKTR	73	
MC		5-2689	DUENNE SCHI	74010	MCQUISTAN	RB	11-188	STATISTIK	17526			10-2575	FK-SPEKTR	73	
MCKNIGHT	LG	7-1462	MOLEKUELE	52575	MC SKIMIN	HJ	1-1917	MECH.EIG.FK	66514			12-2896	FK-SPEKTR	73	
		7-1463	MOLEKUELE	52575			4-435	AKUSTIK	23510			12-2869	FK-SPEKTR	73	
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		5-169	QUANTENTHEO	16533			5-1516	POLYMERE	53542						
		6-1275	MOLEKUELE	52516	MCSTAY	J	9-1416	POLYMERE	53542						
MCLACHLAN	AD	1-2120	MAGN.EIG.FK	69030			5-2249	MAGN.EIG.FK	69030						
	DS	8-2333	SUPRALEITG.	70530	MCVITTIE	GC	1-277	FELDTHEORIE	18042	MEHRING	M	12-578	HF-TECHNIK	27	
	LA	12-3042	FK-SPEKTR	73370			7-2948	KOSH.PHYSIK	94583	MEHRINGER	W	9-1806	KRISTALLE	65	
		12-3059	FK-SPEKTR	73370	MCVOY	KW	4-1179	KERNREAKTIO	43008	MEHROTRA	PN	2-2412	HALBLEITER	71	
MCLANE	PJ	5-454	ELEKTIRIZIT.	26000			7-181	QUANTENTHEO	16585	MEHTA	CL	1-664	PHYS.OPTIK	29	
	SB	7-472	TEILCH.OPT.	27040	MCWEENEY	R	9-1364	MOLEKUELE	52575			1-665	PHYS.OPTIK	29	
MCLAREN	EH	3-347	WAERME	24020	MCWHAN	DB	4-137	LABORTECHN.	12530			4-718	PHYS.OPTIK	29	
		3-348	WAERME	24020			7-2168	MAGN.EIG.FK	69050			5-665	PHYS.OPTIK	29	
		10-420	WAERME	24010	MCWHORTER	AL	1-2228	LEITFHGK.FK	70065			8-701	PHYS.OPTIK	29	
	KG	7-107	VAKUUM	13022			1-2229	LEITFHGK.FK	70065			9-119	QUANTENTHEO	16	
		10-89	LABORTECHN.	12510			6-2323	LEITFHGK.FK	70056		KB	4-2201	MAGN.EIG.FK	69	
MCLAUCHLAN	KA	6-1365	MOLEKUELE	52550	MCWORTHER	AL	1-2183	LEITFHGK.FK	70026		MK	1-1260	KERNREAKTIO	43	
MCLAUGHLIN	SD	3-2059	FK-SPEKTR	73355			5-2604	FK-SPEKTR	73340			3-1084	KERNREAKTIO	43	
MCLAUGHLIN	E	2-1572	FLUESSIGK.	58550			8-2651	DUENNE SCHI	74040			3-1085	KERNREAKTIO	43	
	IL	8-1722	FLUESSIGK.	58530	MEADURN	J	12-3382	ASTROPHYSIK	93020			8-1088	KERN-SPEKTR.	42	
	JE	4-1320	KERNSTRHLG.	44020	MEAD	CA	8-2826	MAGNETOSPH.	91270			8-1089	KERN-SPEKTR.	42	
		12-1441	KERNSTRHLG.	44010		GD	12-1387	KERNREAKTIO	43075		MM	6-316	THERMODYN.	24	
	R	12-2878	FK-SPEKTR	73325	MEADE	DW	10-1738	PLASMA	57250		RR	1-2595	DUENNE SCHI	74	
MCLAY	DB	7-1748	FLUESSIGK.	58562	MEADOWS	JH	1-1269	KERNREAKTIO	43092	MEHYA	A	3-2484	FK-SPEKTR	73	
MCLEAN	AD	3-1197	MOLEKUELE	52510			8-1206	KERNREAKTIO	43046	MEI	CC	1-366	HYDRODYNAM.	23	
		8-1375	MOLEKUELE	52510	MEADS JR.	PF	8-497	ELEKTIRIZIT.	26030	MEIER	A	12-3492	SEHEN	96	
		8-1387	MOLEKUELE	52512	MEAKIN	JD	6-2011	MECH.EIG.FK	66514			D	3-1027	KERNREAKTIO	43
	D	6-1953	KRIST.FEHL.	66035			10-516	TEILCH.OPT.	27040			H	4-2356	HALBLEITER	71
	EA	5-1667	PLASMA	57273			5-1779	FLUESSIGK.	58546			HK	10-766	BESCHLE	

ER	BJ	1-1086	KERNSEKTR.	42550	MELNIK	YP	1-1165	KERNREAKTIO	43005	MENZEL	DH	10-3013	PLANETEN	93640
		12-1271	KERNSEKTR.	42565			1-2649	GRNZFL.FK	74535			11-3454	KOSM.PHYSIK	94550
	HC	10-2293	MAGN.EIG.FK	69040			11-1167	KERNREAKTIO	74505		E	1-2643	GRNZFL.FK	74530
		10-2317	MAGN.EIG.FK	69060	MELNIKOV	AI	1-2662	GRNZFL.FK	74566			3- 611	PHYS.OPTIK	29015
	PHE	4-2132	FK-SPEKTREN	73360		AV	2- 498	MASER,LASER	28055			5- 662	PHYS.OPTIK	29015
		7-2182	MAGN.EIG.FK	69065		NI	8-2476	FK-SPEKTREN	73325			7- 33	TAGUNGEN	10535
		9-2478	FK-SPEKTREN	73355		OA	3-1160	ATOME	52045			7- 605	OPT.INSTRUM	28523
LYAR	PV	3-2566	OPT.EIG.FK	73365		VI	9-2199	LEITFHGK.FK	70060			7- 677	PHYS.OPTIK	29015
		4-2505	FK-SPEKTREN	73325		VN	1-1546	PLASMA	57026			8- 692	PHYS.OPTIK	29015
		6-2654	DUENNE SCHI	74040			1-1560	PLASMA	57035	MENZINGER	F	3-2122	MAGN.EIG.FK	69040
GIN	ZH	8-1287	KERNSTRHLG.	44010			4-1009	STARKE WW.	41764			10-2277	MAGN.EIG.FK	69030
SON	T	8-1167	KERNSEKTR.	42565			7- 882	ELEMENTART.	41574			11-2320	MAGN.EIG.FK	69010
ING	WM	10-2630	FK-SPEKTREN	73355			7-2537	OPT.EIG.FK	73610			11-2412	MAGN.EIG.FK	69040
MAN	LH	11-2233	GITTERDYN.	67060	MELNIKOVA	NN	8-1047	STARKE WW.	41775	MEO	AR	2-2892	HOEREN	96320
		8-2125	DIELEKTRIKA	68020	MELO DE	J	10-1228	KERNREAKTIO	43046	MEO DE	AR	7-1428	MOLEKUELE	52538
JS	J	10-2958	Sonnenphys.	93324	MELONI	S	7- 806	KERN-MESSG.	40580	MERBACH	A	3-1288	FLUESSIGK.	58557
CKE	PPM	6-2324	LEITFHGK.FK	70056	MELROSE	DB	10-3002	PLANETEN	93614	MERCEA	V	4-2628	GRNZFL.FK	74535
ODERS	E	9-1180	ATOME	52024	MELROY	DO	5- 644	OPT.INSTRUM	28570			12- 847	KERN-MESSG.	40570
ER	FK	7-1494	POLYMERE	53540	MELSHHEIMER	O	11- 75	QUANTENTHEO	16516	MERCER	DMA	10-3136	HOEREN	96310
	H	4-1255	KERNREAKTIO	43062	MELTON	JG	1- 100	VAKUUM	13030		PD	2-2591	DUENNE SCHI	74020
		4-1256	KERNREAKTIO	43062	MELTZER	CH	8- 687	ELEMENTART.	41546			4-2623	GRNZFL.FK	74535
ERS	RC	8- 331	MECHANIK	22038			12-1121	STARKE WW.	41770		S	9- 67	LABORTECHN.	12530
HOLD	HF	8- 72	UNTERRICHT	12030	MELVIN	R	9-2365	FK-SPEKTREN	73300	MERCERON	T	9-2126	MAGN.EIG.FK	69045
		11-1893	FLUESSIGK.	58525	MELZ	PJ	7- 425	THERMODYN.	24556	MERCIER	M	9-2162	MAGN.EIG.FK	69080
KE	C	9- 84	VAKUUM	13016	MELZACKI	K	12-1870	PLASMA	57250		RP	2- 115	QUANTENTHEO	16575
	WW	2- 22	TAGUNGEN	10560	MELZER	W	2- 649	KERN-MESSG.	40540	MERCK	M	12- 576	FK-TECHNIK	27560
RENKEN	J	2- 659	KERN-MESSG.	40580			4- 794	KERN-MESSG.	40520	MERDINGER	JC	10-1102	KERNSEKTR.	42545
		2- 660	KERN-MESSG.	40580			7- 741	KERN-MESSG.	40510		H	12-1223	KERNSEKTR.	42545
		10- 746	KERN-MESSG.	40580			9-2331	HALBLEITER	71580	MERDY		6- 442	OPT.INSTRUM	28526
ON	J	11- 492	OPT.INSTRUM	28520			12- 795	KERN-MESSG.	40520	MEREDITH	DJ	6-2682	DUENNE SCHI	74060
ALO	V	1-1347	KRISTALLE	65572	MELZNER	F	7-2711	GEOMAGNET.	90460			3-2101	FK-SPEKTREN	73355
		2-1705	KRISTALLE	65584	MEMELOV	VV	8-1045	STARKE WW.	41770	MERER	AJ	5-2087	GITTERDYN.	67060
EEL	A	8-2456	FK-SPEKTREN	73315			10- 992	STARKE WW.	41770			1-1470	MOLEKUELE	52526
	E	11-2785	PHOTOLEITG.	72510	MEMILOV	YA	10-1330	KERNREAKTIO	43092	MERGERIAN	D	5- 458	MOLEKUELE	52516
	LV	2-1900	GITTERDYN.	67060	MEMMING	R	6-1741	FLUESSIGK.	58568	MERHAUT	J	8- 416	AKUSTIK	23520
		7-1909	KRIST.FEHL.	66035			7-2216	LEITFHGK.FK	70045	MERIAUX	JP	12- 552	TEILCH.OPT.	27040
NNER	G	6- 840	STARKE WW.	41773	MEN	AN	8-1866	KRISTALLE	65545	MERILLOO	IA	11-3051	OPT.EIG.FK	73670
	LB	2-2513	OPT.EIG.FK	73610			9-1756	KRISTALLE	65540	MERING	J	1- 688	PHYS.OPTIK	29048
SSNER	D	8-1987	KRIST.FEHL.	66065	MENA	TB	6- 458	OPT.INSTRUM	28530			4-1884	KRISTALLE	65572
	G	1-1803	FK-PHYSIK	65000	MENACHE	M	2-1562	FLUESSIGK.	58540	MERINSKY	K	4-2598	DUENNE SCHI	74065
	H	11-2471	MAGN.EIG.FK	69060			5-1775	FLUESSIGK.	58540			6- 337	ELEKTRIZIT.	26060
		12-2686	SUPRALEITG.	70510	MENAPACE	E	10- 742	KERN-MESSG.	40530	MERISALO	M	3-1678	KRISTALLE	65572
	R	2-2696	ERDKOERPER	90210			12-1423	K-REAKTOREN	43520	MERKEL	B	7-1844	KRISTALLE	65584
TER	E	2- 265	HYDRODYNAM.	23020	MENCUCCINI	C	2- 743	ELEMENTART.	41574			11-1197	KERNREAKTIO	43022
	H	4- 815	KERN-MESSG.	40542			3- 742	ELEMENTART.	41546	MERKELIJN	J	11-3444	KOSM.PHYSIK	94550
		4- 816	KERN-MESSG.	40542			12- 961	ELEMENTART.	41574	MERKIN	JH	10- 372	HYDRODYNAM.	23020
	R	3-1571	FLUESSIGK.	58540	MENDE	DF	6- 32	BUECHER	11000	MERKLE	K	3-1828	KRIST.FEHL.	66065
		9-2478	FK-SPEKTREN	73355		8-2348	SUPRALEITG.	70550	MERKULOV	LA	11- 666	BESCHLEUNIG	41040	
NNER	J	2- 363	THERMODYN.	24550		SB	10-2924	IONOSPHERE	91030		VI	4-1651	PLASMA	57055
		10- 448	THERMODYN.	24510	MENDEL	A	11-3314	IONOSPHERE	91050	MERLE	JC	5-2364	LEITFHGK.FK	70053
BBO	L	1- 122	QUANTENTHEO	16513			11-3324	IONOSPHERE	91050			5-2626	OPT.EIG.FK	73610
ITIEV	AS	11-2879	FK-SPEKTREN	73330		H	2-2459	FK-SPEKTREN	73315		F	6-1846	KRISTALLE	65574
	MA	8-2293	LEITFHGK.FK	70056	MENDELL	JS	7-1575	PLASMA	57085	MERLET	F	5-2608	FK-SPEKTREN	73340
	MI	3-1976	THERMEIG.FK	67510	MENDELSON	LB	3-1118	ATOME	52010	MERLINI	A	1-1843	KRISTALLE	65572
	RF	6-2561	FK-SPEKTREN	73380	MENDELSON	MR	8-1290	KERNSTRHLG.	44020			6-2507	FK-SPEKTREN	73315
ITIEVA	SI	6-2426	HALBLEITER	71530		S	9-1090	KERNREAKTIO	43092	MERLIVAT	L	2-2709	ERDKOERPER	90295
IAN	A	3- 998	KERNREAKTIO	43005			1-2605	DUENNE SCHI	74020	MERMAGAN	WH	6-1619	BASE	58060
ER	KI	10-1685	PLASMA	57050			12-2270	KRIST.FEHL.	66035	MERMAG	M	11-1066	KERNSEKTR.	42545
YN	D	9- 310	HYDRODYNAM.	23040	MENDELSON JR.	R.A.	10-1065	KERNSEKTR.	42540	MERMELSTEIN	P	1-2863	HOEREN	96320
HMID	AE	11- 401	TEILCH.OPT.	27068			10-1079	KERNSEKTR.	42545	MERMERIKIDES	ME	7- 991	STARKE WW.	41775
NDRI	BA	3-1712	KRISTALLE	65588	MENDELSSOHN	K	9-1886	KRIST.FEHL.	66060	MERMIN	ND	3- 222	STATISTIK	17526
		5-2039	MECH.EIG.FK	66540			12- 400	THERMODYN.	24500			3- 241	STATISTIK	17563
PHENKO	YS	6-1576	BASENTLADG.	57850	MENDES	AM	11-3322	IONOSPHERE	91050	MERMOD	R	7- 858	ELEMENTART.	41546
HER	OC	1-2680	ERDKOERPER	90210	MENDEZ	M	5- 626	OPT.INSTRUM	28545	MERMOZ	H	1- 655	PHYS.OPTIK	29000
	JR	4-1802	FLUESSIGK.	58560	MENDIRATTA	RG	4-2010	GITTERDYN.	67020			10- 679	PHYS.OPTIK	29010
		9-1462	PLASMA	57045	MENDIS	EF	5-2163	FK-SPEKTREN	73370	MERRIAM	RL	9- 390	WAERME	24060
RL		5-2016	MECH.EIG.FK	66514	MENDORF	DR	11-2198	MECH.EIG.FK	66553	MERRIFIELD	RE	1-2198	LEITFHGK.FK	70053
HHIOR	H	8-2555	FK-SPEKTREN	73370	MENDRIN	LL	6-2100	GITTERDYN.	67060			7-2418	FK-SPEKTREN	73325
HHIORRI	B	12-1776	PLASMA	57055	MENELEY	CT	2- 467	MASER,LASER	28040	MERRILL	D	11- 888	STARKE WW.	41764
	F	3-2453	PHOTOLEITG.	72500	MENES	GP	12-1836	PLASMA	57093		DW	11- 900	STARKE WW.	41775
		3-2453	PHOTOLEITG.	72500	MENENDEZ	MG	11-1652	PLASMA	57010		JC	5- 336	HYDRODYNAM.	23040
NNER	H	5- 188	QUANTENTHEO	16582	MENES	J	1- 966	STARKE WW.	41783			4-1782	FLUESSIGK.	58540
		7-1152	KERNREAKTIO	43010		H	9-1804	KRISTALLE	65574		JR	9-2251	METAL.LEITG	71010
RRUM	BH	12- 382	MECHANIK	22034	MENG	CI	1-2706	GEOMAGNET.	90470			11- 43	UNTERRICHT	12050
SHY	MA	3-2432	HALBLEITER	71570			1-2707	GEOMAGNET.	90470			11- 44	UNTERRICHT	12055
SHINA	VA	6-1849	KRISTALLE	65578			1-2708	GEOMAGNET.	90470	MERRITT	FR	5-2257	MAGN.EIG.FK	69040
SHKO	EA	10-1379	KERNSTRHLG.	44030			2-2720	GEOMAGNET.	90440		JA	3- 531	MASER,LASER	28055
SH	SH	11-3283	LUFTHUELLE	90860			3-2721	GEOMAGNET.	90440			3-1231	MOLEKUELE	52536
BOY	Z	4-1144	KERNSEKTR.	42565			12-3293	GEOMAGNET.	90440	MERRITT JR.	LL	10- 693	PHYS.OPTIK	29038
PK PASHAEV	N.I.	3- 363	WAERME	24060		TC	8- 955	STARKE WW.	41725	MERRSHAD	EA	1-1929	MECH.EIG.FK	66516
WN	G	9-1471	PLASMA	57279	MENLOVE	HO	4-1221	KERNREAKTIO	43046	MERSKI	K	6-2420	HALBLEITER	71520
ORANSKII	A.S.	7-1177	KERNREAKTIO	43044			7-1177	KERNREAKTIO	43044	MERTEN	L	10-2589	FK-SPEKTREN	73330
		11-1226	KERNREAKTIO	43046			11-1226	KERNREAKTIO	43046	MERTENS	FG	12-2413	THERMEIG.FK	67500
SSINDS	AC	6-2291	KRISTALLE	65545	MENNE	TJ	6-2291	KRISTALLE	65545		G	4-1215	KERNREAKTIO	43044
		8- 945	STARKE WW.	41725	MENNIG	J	9-1115	K-REAKTOREN	43515		J	12-1333	KERNREAKTIO	43044
		9- 766	ELEMENTART.	41570	MENNIGER	H	10-2514	PHOTOLEITG.	72510			6-1191	ATOME	52035
		10- 899	STARKE WW.	41725	MENON	AK	3-2577	OPT.EIG.FK	73640			6-1198	ATOME	52045
		10- 915	STARKE WW.	41730		MGK	3-2775	KOSM.STRLG.	90640	MERTSCHING	J	3-2258	LEITFHGK.FK	70065
		12-1043	STARKE WW.	41740			5-2950	KOSM.PHYSIK	94530	MERTZ	L	6- 449	OPT.INSTRUM	28530
ANOFF	MA	2- 919	KERNSTRUKT.	42070		TK	7-2916	KOSM.PHYSIK	94520			6- 470	OPT.INSTRUM	28545
WHIS	GM	12- 716	OPT.INSTRUM	28595	MENOTTI	P	11- 112	QUANTENTHEO	16533	MERWE DU T. VAN	DER P.	6- 697	ELEMENTART.	41546
OV	GA	2-2063	FK-SPEKTREN	73360	MENOSH	C	12- 632	MASER,LASER	28055			6- 698	ELEMENTART.	41546
HUNYAN	VE	7- 412	WAERME	24070	MENSHIKOV	AZ	1-2452	FK-SPEKTREN	73315	MERWE VAN DER A.		11- 697	ELEMENTART.	41540
VI	Z	2-1942	THERMEIG.FK	67550	MENSOWICZ	M	11- 921	STARKE WW.	41783			11-3469	BIOPHYSIK	96000
	H	9-2266	HALBLEITER	71520	MENTALL	JE	2-1454	PLASMA	57256		P	4-1271	KERNREAKTIO	43

MES	H	6- 789	STARKE WW.	41745	MEYER	AJP	5-2343	LEITFHGK.FK	70028	MICHAEL	DN	5- 892	STARKE WW.	4
MESERVEY	R	10-2429	SUPRALEITG.	70520			6-2258	MAGN.EIG.FK	69040		GA	5-2902	SONNENPHYS.	9
MESHCHARYAKOV	V.A.						10-2289	MAGN.EIG.FK	69040	MICHAELI	IC	7-1734	FLUESSIGK.	5
		2- 765	STARKE WW.	41700			10-2376	LEITFHGK.FK	70035	MICHAELIS	P	11-3126	DUENNE SCHI	7
MESHCHERIAKOV	V.A.						11-2421	MAGN.EIG.FK	69045		W	3-1039	KERNREAKTIO	4
		3- 796	STARKE WW.	41725			2- 687	ELEMENTART.	41500			7- 783	KERN-MESSG.	4
MESHCHERYAKOV	G.M.					B	7-2711	GEOMAGNET.	90460	MICHAELSEN	R	11-1058	KERNSPKTR.	4
		10-1765	GASENTLADG.	57870			3- 789	STARKE WW.	41725	MICHAILOVA	GA	5-2860	IONOSPHERE	9
	NA	4-2122	FK-SPEKTREN	73355		D	2- 315	AKUSTIK	23550	MICHAILOVITS	L	9-2318	HALBLEITER	7
	VA	7- 154	QUANTENTHED	16530		E	3- 38	BUECHER	11010	MICHALAK	EM	1- 96	VAKUUM	1
		9- 819	STARKE WW.	41725			3-2553	OPT.EIG.FK	73605		S	12-1840	PLASMA	5
	VF	5-2212	FK-SPEKTREN	73360		F	6- 288	AKUSTIK	23550	MICHALIK	A	11- 254	MECHANIK	2
		6-1823	KRISTALLE	65545			1-2647	GRENZFL.FK	74535		II	4- 223	QUANTENTHED	10
MESHI	M	4-1935	KRIST.FEHL.	66035			3-2673	GRENZFL.FK	74535	MICHALK	VE	12- 219	QUANTENTHED	13
		5-2002	KRIST.FEHL.	66070			4-2375	HALBLEITER	71580			12- 816	KERN-MESSG.	4
		7-1791	KRISTALLE	65510		G	3-2315	SUPRALEITG.	70540	MICHALOWICZ	A	1-1219	KERNREAKTIO	4
		8-2003	KRIST.FEHL.	66070		H	3- 764	ELEMENTART.	41574			2- 811	STARKE WW.	4
MESHKOV	S	4- 933	STARKE WW.	41720			3-1557	FLUESSIGK.	58527	MICHALSKI	R	4- 804	KERN-MESSG.	4
	VV	6-3008	SEHEN	96614			3-2162	MAGN.EIG.FK	69065	MICHAUD	M	7-2842	SONNENPHYS.	9
MESHKOVSKY	AG	4- 907	ELEMENTART.	41572			5-1745	FLUESSIGK.	58525	MICHAUD BONNET	J.			
MESKAN	DA	7-1564	PLASMA	57080			5-2044	MECH.EIG.FK	66545			5-2634	OPT.EIG.FK	7
MESKIN	SS	2-1870	MECH.EIG.FK	66556			6-2139	THERMEIG.FK	67556	MICHAUDON	A	10-1241	KERNREAKTIO	4
MESNARD	G	2-1241	MOLEKUELE	52516			6-2171	FK-SPEKTREN	73370			10-1243	KERNREAKTIO	4
		2-1652	KRISTALLE	65545			10-1818	FLUESSIGK.	58527			10-1317	KERNREAKTIO	4
		3- 136	QUANTENTHED	16526			10-1824	FLUESSIGK.	58525			11-1156	KERNSPKTR.	4
MESS	KW	5-1879	KRISTALLE	65545			11-2358	MAGN.EIG.FK	69025			12-1407	KERNREAKTIO	4
	JP	3-1971	THERMEIG.FK	67510		J	10- 133	MATH.PHYSIK	16040	MICHEJDA	L	7- 913	STARKE WW.	4
		7-2507	FK-SPEKTREN	73370			10- 949	STARKE WW.	41753			8- 985	STARKE WW.	4
MESSELT	S	8-1057	KERNSTRUKT.	42010			10-1045	KERNSTRUKT.	42075			10- 995	STARKE WW.	4
MESSENGER	GG	8-2018	KRIST.FEHL.	66076		JP	11-2234	THERMEIG.FK	67510	MICHEL	A	6-1567	GASENTLADG.	5
	RA	2-1473	GASENTLADG.	57895		JW	3- 194	QU.FELDTHEO	17010			6-1568	GASENTLADG.	5
MESSERLE	G	6-1300	MOLEKUELE	52524		K	2-1121	KERNSTRHLG.	44010			6-1569	GASENTLADG.	5
		6-1326	MOLEKUELE	52512			4-1295	K-REAKTOREN	43515		D	7-2496	FK-SPEKTREN	7
		6-1327	MOLEKUELE	52512			6-2616	OPT.EIG.FK	73655			11-1563	MOLEKUELE	5
		8-1408	MOLEKUELE	52524			9-1105	K-REAKTOREN	43515		FC	9-2901	PLANETEN	9
MESSERLI	R	9- 637	KERN-MESSG.	40503		KA	7- 323	HYDRODYNAM.	23020		G	6- 379	HF-TECHNIK	2
MESSIAEN	AM	3-1412	PLASMA	57096		L	3-1695	KRISTALLE	65582		HJ	4-2714	KOSM.STRLG.	9
		3-1425	PLASMA	57093			5- 607	OPT.INSTRUM	28523		JC	12-2140	KRISTALLE	6
		5-1627	PLASMA	57093			5-1917	KRISTALLE	65582		JJ	7-1594	PLASMA	5
		10-1712	PLASMA	57085			5-2132	THERMEIG.FK	67556		KH	1-1942	GITTERDYN.	6
MESTEL	L	1-2823	STERNE	94060			6-2120	THERMEIG.FK	67530			3-1931	GITTERDYN.	6
		10-3054	STERNE	94040		M	7-2530	OPT.EIG.FK	73605		L	8- 851	ELEMENTART.	4
MESTRE DE	NJ	8- 402	HYDRODYNAM.	23060		MA	1-1226	KERNREAKTIO	43054		R	3-1849	KRIST.FEHL.	4
MESTVIRISHVILI	A.N.						6- 937	KERNSPKTR.	42545		RE	3- 469	HF-TECHNIK	2
		5- 569	MASER,LASER	28050			10-1096	KERNSPKTR.	42545		W	12-1938	FLUESSIGK.	5
		11- 722	ELEMENTART.	41546		NI	1-2353	HALBLEITER	71530	MICHEL LEVY MC		12-3410	PLANETEN	9
	MA	6- 742	STARKE WW.	41700			2-1910	GITTERDYN.	67060	MICHELETTI	S	8-1203	KERNREAKTIO	4
		11- 764	STARKE WW.	41700			3- 429	HF-TECHNIK	27523			10-1220	KERNREAKTIO	4
MESTWERDT	HR	2- 537	OPT.INSTRUM	28563			9-2607	OPT.EIG.FK	73645	MICHELINI	A	3- 848	STARKE WW.	4
MESYATS	GA	11-1816	GASENTLADG.	57815			11-2138	KRIST.FEHL.	66065			6- 837	STARKE WW.	4
		11-1817	GASENTLADG.	57815			11-2709	HALBLEITER	71540	MICHELIS DE B		7-1278	KERNSTRHLG.	4
		11-1818	GASENTLADG.	57815			11-2715	HALBLEITER	71540		C	3-1598	FLUESSIGK.	5
METALNIKOV	YM	2- 682	BESCHLEUNIG	41040		O	6- 572	KERN-MESSG.	40520			5- 590	MASER,LASER	2
		12- 904	BESCHLEUNIG	41040			6- 574	KERN-MESSG.	40520	MICHELL	D	2-1770	KRIST.FEHL.	6
METCHNIK	VI	11-1569	MOLEKUELE	52562		P	3- 746	ELEMENTART.	41546	MICHELMAN	L	11-1280	KERNREAKTIO	4
METHERELL	AF	3- 333	AKUSTIK	23500			7-1582	PLASMA	57075		LS	11-1275	KERNREAKTIO	4
		5- 360	AKUSTIK	23530			9- 497	MASER,LASER	28040	MICHELS	B	12-1707	POLYMERE	5
	AJF	2- 413	TEILCH.OPT.	27016		RA	9-2974	KOSM.PHYSIK	94530		HH	4-1418	ATOME	5
		7-1279	KERNSTRHLG.	44033			2- 974	KERNSPKTR.	42560			12-1548	ATOME	5
		9- 456	TEILCH.OPT.	27030			8-1151	KERNSPKTR.	42560	MICHENSEN	P	1-1587	PLASMA	5
METHFESSEL	S	12-2881	FK-SPEKTREN	73325		RE	8-1632	PLASMA	57070			12-1765	PLASMA	5
METREVELI	SG	6-1900	KRIST.FEHL.	66025		RO	6-1883	KRIST.FEHL.	66020	MICHENAUD	JP	6-2497	PHOTOLEITG.	7
		9-2327	HALBLEITER	71570			9- 258	MECHANIK	22032	MICHERON	F	10-2218	DIELEKTRIKA	6
METSALAAR	R	10-2142	GITTERDYN.	67040		RT	3- 389	THERMODYN.	24554	MICHEV	D	8-2437	PHOTOLEITG.	7
METSKHVARISHVILI	R.Y.						12-1698	MOLEKUELE	52585			8-2438	PHOTOLEITG.	7
		11-1139	KERNSPKTR.	42565		SL	10- 837	ELEMENTART.	41546	MICHIKAWA	T	7- 818	KERN-MESSG.	4
METTEE	HD	12-1936	GASE	58060		V	2- 946	KERNSPKTR.	42540			9- 639	KERN-MESSG.	4
METTEL	D	1- 955	STARKE WW.	41764			9-1054	KERNREAKTIO	43064	MICHIYOSHI	I	3-1376	PLASMA	5
		10- 919	STARKE WW.	41735			12-1556	ATOME	52065			3-1377	PLASMA	5
METZ	AJ	5- 719	KERN-MESSG.	40505	MEYER BERKHOUT	U.	12-1557	ATOME	52065	MICHON	P	2-2419	THERMOELEKT	7
	CD	3-1542	FLUESSIGK.	58527			2- 756	ELEMENTART.	41586			4-2390	THERMOELEKT	7
		8-2351	SUPRALEITG.	70560			3- 689	KERN-MESSG.	40532	MICHURINA	AV	4-1512	FLUESSIGK.	5
	FJ	1-1506	FLUESSIGK.	58557			8-1975	KRIST.FEHL.	66060	MICKA	K	8-1797	FLUESSIGK.	5
METZ DE		12- 660	OPT.INSTRUM	28510	MEYER EHMSEN	G	10- 47	TABUNGEN	10535	MICKENS	RE	2- 715	ELEMENTART.	4
METZBOWER	EA	2-1639	KRISTALLE	65545			7-1232	KERNREAKTIO	43080			4- 942	STARKE WW.	4
		10-1928	KRISTALLE	65545								9- 166	QUANTENTHED	1
METZGER	E	6- 281	AKUSTIK	23510	MEYERAND JR.	R.G.						10- 897	STARKE WW.	4
	FR	1-1124	KERNSPKTR.	42565			7-1609	PLASMA	57256			11- 133	QUANTENTHED	1
		4-1150	KERNSPKTR.	42570			3- 812	STARKE WW.	41735	MICKEVICIUS	V	4-2454	FK-SPEKTREN	7
		9- 943	KERNSPKTR.	42545	MEYERHOF	WE	6-1102	KERNREAKTIO	43085	MICKLEY	HS	3- 311	HYDRODYNAM.	2
	H	2-1527	FLUESSIGK.	58520			7-1054	KERNSPKTR.	42535			5- 336	HYDRODYNAM.	2
	J	7-1447	MOLEKUELE	52550	MEYERHOFF	B	4-1792	FLUESSIGK.	58546	MICKLITZ	H	4-1109	KERNSPKTR.	4
	PH	4-1401	MOLEKUELE	52585		RW	4-2299	SUPRALEITG.	70530	MICOULAUT	R	3- 267	FELDTHEORIE	1
		8-1495	MOLEKUELE	52585	MEYEROTT	AJ	4-2876	KOSM.PHYSIK	94540	MICU	M	11- 74	QUANTENTHED	1
	RJ	2-1013	KERNREAKTIO	43030			11-3434	KOSM.PHYSIK	94540	MIDDELKOOP	WC	12-1004	STARKE WW.	4
	WJ	8- 945	STARKE WW.	41725	MEYERS	L	10-2429	SUPRALEITG.	70520	MIDDLEHURST	BM	6-2906	PLANETEN	9
METZNER	AB	2- 339	WAERME	24060	MEYNADIER	C	1-1077	KERNSPKTR.	42545	MIDDLEMAN	LM	12-1405	KERNREAKTIO	4
	R	11- 603	KERN-MESSG.	40538			5-1168	KERNREAKTIO	43075	MIDDELEMAN	LA	6- 688	ELEMENTART.	4
MEULDERS	JP	1-1313	KERNSTRHLG.	44010			10-1285	KERNREAKTIO	43064	MIDDLETON		2-1303	PLASMA	5
MEULENBERG	A	7-1117	KERNSPKTR.	42565	MEZDROGINA	MM	12-2100	KRISTALLE	65510		R	4-1268	KERNREAKTIO	4
		7-1077	KERNSPKTR.	42545	MEZEI	F	4-2265	LEITFHGK.FK	70074			7-1072	KERNSPKTR.	4
MEUNIER	F	2-2278	SUPRALEITG.	70530	MEZGER	PG	7-2915	KOSM.PHYSIK	94520			12-1396	KERNREAKTIO	7
		4-2294	SUPRALEITG.	70530			9-2991	KOSM.PHYSIK	94550		RM	7-2412	FK-SPEKTREN	7
		10-2435	SUPRALEITG.	70530	MEZHER	GC	8-2811	IONOSPHERE	91074	MIDGLEY	JE	9-2900	PLANETEN	9
		11-2640	SUPRALEITG.	70530	MEZZANARES	F	2- 799	STARKE WW.	41730	MIDORIYAWA	M	9-2036	THERMEIG.FK	6
	J	6-2760	GEOMAGNET.	90440			6- 769	STARKE WW.	41725	MIDWINTER	JE	3-2537	FK-SPEKTREN	7
		9-1627	FLUESSIGK.	58510	MGGUIRE	EJ	4-1399	ATOME	52075			11-2991	FK-SPEKTREN	7
		9-1718	FLUESSIGK.	58573	MIADOKOVA	M	9-2677	GRENZFL.FK	74535	MIDY	P	10-1285	KERNREAKTIO	4
		12-1526	ATOME	52045	MIH	MAM	11- 792	STARKE WW.	41725	MIDEMA	AR	2-2300	METAL.LEITG	7
	R	10- 519	TEILCH.OPT.	27068			12-1075	STARKE WW.	41753			3-2150	MAGN.EIG.FK	6
		10- 738	KERN-MESSG.	40532	MIALKI									

MIEROP - MILLS

P H 7- 555 MASER, LASER 28050
RE 10- 772 BESCHLEUNIG 41010
F 10-1422 ATOME 52045
HER E 5-1429 MOLEKUELE 52524
L M 2- 616 PHYS. OPTIK 29076
WICZ K 6- 852 STARKE WW. 41783
E T 5-2002 KRIST. FEHL. 66070
8-2003 KRIST. FEHL. 66070
EED M 6- 997 KERNSPEKTR. 42570
L AA 4- 983 STARKE WW. 41755
AB 10-1026 KERNSTRUKT. 42020
D 1- 375 HYDRODYNAM. 23060
ITE MV 7-2839 SONNENPHYS. 93314
DOLL P 3- 646 PHYS. OPTIK 29066
6- 306 WAERME 24060
3-2439 HALBLEITER 71570
A M 10- 282 STATISTIK 17560
EETTA F 7- 888 ELEMENTART. 41586
COO JA 9- 786 ELEMENTART. 41583
12-1013 STARKE WW. 41725
J 1- 588 MASER, LASER 28055
E 10-1322 KERNREAKTIO 43092
RDRN JHR 5- 922 STARKE WW. 41745
9- 836 STARKE WW. 41745
IN VV 7- 441 ELEKTRIZIT. 26060
7- 514 HF-TECHNIK 27550
DOV DM 7- 92 LABORTECHN. 12580
7-1606 PLASMA 57050
Y 2-2632 DUENNE SCHI 74065
V 5-1189 KERNREAKTIO 43092
V 10- 749 KERN-MESSG. 40580
LLOVIC A 12-2217 KRISTALLE 65588
AAS D 4-2852 STERNE 94020
7-2890 STERNE 94020
9-2920 STERNE 94020
11-3395 STERNE 94020
11-3401 STERNE 94025
12-1108 K-REAKTOREN 43515
ECZO JT 8-2320 SUPRALEITG. 70520
LISIN TW 7-2882 PLANETEN 93650
COV JD 10-2949 MAGNETOSPH. 91280
Y A 9- 434 ELEKTRIZIT. 26050
A K 4-2567 DUENNE SCHI 74020
LICH JW 1-1135 KERNSPEKTR. 42565
6- 984 KERNSPEKTR. 42565
9- 976 KERNSPEKTR. 42565
9- 979 KERNSPEKTR. 42565
A K 7-2957 BIOPHYSIK 96040
A 1- 862 STARKE WW. 41725
7-1171 KERNREAKTIO 43040
8-1047 STARKE WW. 41775
A R 11-3185 GRENZFL. FK 74560
ILR AP 12-2396 GITTERDYN. 67040
RENDERS PE 3-2190 LEITFHGK. FK 70010
HEER BJ 1- 756 KERN-MESSG. 40584
1-1152 KERNSPEKTR. 42570
J 2-1106 K-REAKTOREN 43515
6-1121 K-REAKTOREN 43515
K 2-1877 GITTERDYN. 67010
ELIAN RO 4-2442 FK-SPEKTREN 73325
ELYAN AL 7- 508 HF-TECHNIK 27540
7- 544 MASER, LASER 28045
LA 4-1081 KERNSPEKTR. 42515
LKEVICHYUS M. P.
4-2337 HALBLEITER 71530
11-2292 DIELEKTRIKA 68060
LKEVICIUS M.
4-1979 MECH. EIG. FK 66514
4-2391 PHOTOLEITG. 72500
4-2418 FK-SPEKTREN 73325
11-2733 HALBLEITER 71560
6- 838 STARKE WW. 41773
6- 850 STARKE WW. 41783
9- 864 STARKE WW. 41762
10-1005 STARKE WW. 41783
2-2482 FK-SPEKTREN 73330
4-1425 ATOME 52075
1- 480 ELEKTRODYN. 26510
11-1702 PLASMA 57045
2-2732 GEOMAGNET. 90460
6-2762 GEOMAGNET. 90440
9-2728 GEOMAGNET. 90440
8-2026 MECH. EIG. FK 66500
SSELL RP 3- 240 STATISTIK 17563
SKA HJ 11-1031 KERNSPEKTR. 42540
9-2898 PLANETEN 93640
MAIL JS 11-3163 GRENZFL. FK 74530
RS 11-3172 GRENZFL. FK 74535
11-3173 GRENZFL. FK 74535
11-1917 FLUESSIGK. 58543
5-2579 FK-SPEKTREN 73325
10-3022 PLANETEN 93640
AI 9- 141 QUANTENTHED 16530
GA 7- 369 WAERME 24020
7-1702 FLUESSIGK. 58527
GD 12- 468 AKUSTIK 23530
GS 4- 765 PHYS. OPTIK 29060
IG 5-1342 MOLEKUELE 52500
7-1728 FLUESSIGK. 58543
IN 6- 898 KERNSTRUKT. 42075
MP 1-2337 HALBLEITER 71530
NN 7-2270 SUPRALEITG. 70540
8-2328 SUPRALEITG. 70520
8-2367 METAL. LEITG 71010
11-1973 KRISTALLE 65510
NY 7- 546 MASER, LASER 28045
VB 8-1246 KERNREAKTIO 43092
12-1408 KERNREAKTIO 43092
VM 6- 904 KERNSPEKTR. 42510
VV 8- 440 WAERME 24020
MA 6- 904 KERNSPEKTR. 42510
MP 2-2359 HALBLEITER 71540
OL 2-1919 GITTERDYN. 67070
TO 7-1711 FLUESSIGK. 58530
TN 4- 649 MASER, LASER 28060

MIKHAILOVA VA 11-1517 MOLEKUELE 52516
YV 2-1512 GASE 58030
6-1608 GASE 58025
9-1601 GASE 58010
MIKHAILOVSKAYA E. V.
8- 659 OPT. INSTRUM 28563
2- 397 ELEKTRODYN. 26540
LV 12-1823 PLASMA 57085
MIKHAILOVSKII A. B.
3-1413 PLASMA 57085
8-1626 PLASMA 57055
11-1731 PLASMA 57055
11-1732 PLASMA 57055
IM 8-2041 MECH. EIG. FK 66516
MIKHAILOVSKY A. B.
1-1613 PLASMA 57055
IM 10-2042 KRIST. FEHL. 66040
12-2315 KRIST. FEHL. 66065
1-1312 KERNSTRHLG. 44010
MIKHAILUS FF
MIKHALCHENKO G. A.
1-2550 OPT. EIG. FK 73640
9-2588 OPT. EIG. FK 73635
MIKHALENKOV VS
7-1821 FK-SPEKTREN 73310
9-2172 LEITFHGK. FK 70024
10-2365 LEITFHGK. FK 70024
7-1198 KERNREAKTIO 43054
8-1218 KERNREAKTIO 43054
MIKHALEVSKY VS 11- 42 UNTERRICHT 12035
MIKHATSKAYA NA 8-1666 PLASMA 57210
MIKHAYLOVA EN 10-2846 ERDKOERPER 90260
MIKHEEV BG 2-2407 HALBLEITER 71585
VL 8-1178 KERNSPEKTR. 42575
8-1180 KERNSPEKTR. 42575
10-1171 KERNSPEKTR. 42575
MIKHELASHVILI M. S.
12-1667 MOLEKUELE 52560
11-3182 GRENZFL. FK 74555
MIKHIN NM 8-2004 KRIST. FEHL. 66070
MIKHILIN EY
MIKHNOV SA 9- 513 MASER, LASER 28045
10- 581 MASER, LASER 28045
12- 610 MASER, LASER 28045
MIKHO VV 10-2725 OPT. EIG. FK 73640
MIKHUL A 9- 817 STARKE WW. 41725
MIKIC BB 7- 397 WAERME 24050
MIKIROV AE 2-2752 LUFTHUELLE 90820
MIKITSEI OI 9- 615 PHYS. OPTIK 29045
MIKKOR M 5-2359 LEITFHGK. FK 70053
5-2529 PHOTOLEITG. 72510
MIKLOSKO J 5-2066 GITTERDYN. 67010
MIKOLAICHUK AB 1-2621 DUENNE SCHI 74040
7-2588 DUENNE SCHI 74010
10-1983 KRISTALLE 65582
MIKOSHIBA N 1-2244 LEITFHGK. FK 70072
9-2498 FK-SPEKTREN 73355
11-2723 HALBLEITER 71540
O 1-1011 KERNSTRUKT. 42075
5-1021 KERNSTRUKT. 42080
11- 999 KERNSTRUKT. 42075
11-1316 KERNREAKTIO 43068
12-1180 KERNSTRUKT. 42075
S 5-1666 PLASMA 57270
12-1845 PLASMA 57203
MIKULINSKY MA 5-2243 MAGN. EIG. FK 69025
MIKULSKI AT 10-1356 K-REAKTOREN 43520
11-1355 K-REAKTOREN 43515
11-1358 K-REAKTOREN 43520
3-1812 KRIST. FEHL. 66035
MIKURIYA N 3-2594 OPT. EIG. FK 73625
MIKUTSKII VG 9-2655 DUENNE SCHI 74060
MILAZZO COLLI L.
10-1176 KERNREAKTIO 43008
5-2202 FK-SPEKTREN 73355
12-1889 GASENTLADG. 57810
MILENINA DP 4- 767 PHYS. OPTIK 29063
MILER M 11-2888 FK-SPEKTREN 73330
4- 425 HYDRODYNAM. 23050
MILES JW 8- 399 HYDRODYNAM. 23060
10- 390 HYDRODYNAM. 23060
11-3280 LUFTHUELLE 90840
MH 7-2530 OPT. EIG. FK 73605
TP 7- 504 HF-TECHNIK 27540
GH 12- 625 MASER, LASER 28055
SN 8-2998 KOSH. PHYSIK 94560
MILFORD GK 3-2877 PLANETEN 93640
MILGRAM AA 11-3090 DUENNE SCHI 74040
MILICH B 11-1734 PLASMA 57055
11-1751 PLASMA 57080
MILICKA L 9-2677 GRENZFL. FK 74535
MILIGY Z 6-1043 KERNREAKTIO 43040
MILISHKEVICH A. P.
1- 341 HYDRODYNAM. 23020
8-1202 KERNREAKTIO 43044
10-1224 KERNREAKTIO 43044
P 4- 519 ELEKTRIZIT. 26030
RW 4-2856 STERNE 94025
BV 2-1615 KRISTALLE 65510
12-2856 FK-SPEKTREN 73310
RF 8- 704 PHYS. OPTIK 29030
W 3-1457 PLASMA 57256
JK 12- 570 HF-TECHNIK 27540
A 1- 459 ELEKTRIZIT. 26012
12- 507 ELEKTRIZIT. 26012
5-1689 GASENTLADG. 57880
MILLER A 7-1643 GASENTLADG. 57880
9- 590 OPT. INSTRUM 28595
12-1907 GASENTLADG. 57880
12-2112 KRISTALLE 65530
9-1665 FLUESSIGK. 58530
AA 1-2741 LUFTHUELLE 90840
AJ 7- 504 HF-TECHNIK 27540
BA 12- 597 MASER, LASER 28040
C 6-2143 DIELEKTRIKA 68020
CD 10- 740 KERN-MESSG. 40542
CR 12- 626 MASER, LASER 28055
D 7- 796 KERN-MESSG. 40560

MILLER DB 6-1560 PLASMA 57279
DE 3-2797 LUFTHUELLE 90860
DH 8- 865 ELEMENTART. 41546
9- 813 STARKE WW. 41725
12-1000 STARKE WW. 41725
12-1001 STARKE WW. 41725
DJ 3- 850 STARKE WW. 41764
DK 12-1404 KERNREAKTIO 43092
DL 8-2029 MECH. EIG. FK 66514
DR 3-1262 MOLEKUELE 52575
EK 5-1589 PLASMA 57075
7- 510 HF-TECHNIK 27550
FA 1-1474 MOLEKUELE 52536
FD 1- 518 TEILCH. OPT. 27068
GA 1-1797 FLUESSIGK. 58573
HC 6-2733 GRENZFL. FK 74573
HG 4-1028 STARKE WW. 41790
11- 926 STARKE WW. 41790
I 2- 797 STARKE WW. 41730
3- 803 STARKE WW. 41730
IA 9-1762 KRISTALLE 65545
J 11-1331 KERNREAKTIO 43080
JA 5- 62 MESSEN 12250
JE 1-1871 KRIST. FEHL. 66025
8- 200 QUANTENTHED 16530
JF 5-2498 HALBLEITER 71566
JH 12-1662 MOLEKUELE 52560
JK 12-2087 DISP. SYST. 59530
12-2088 DISP. SYST. 59530
JM 6-1008 KERNREAKTIO 43000
8-1182 KERNREAKTIO 43008
9- 994 KERNREAKTIO 43005
10-1193 KERNREAKTIO 43016
12-1391 KERNREAKTIO 43080
JS 3- 35 BUECHER 11000
10-3072 KOSH. PHYSIK 94510
KJ 5- 117 VAKUUM 13030
9-1380 MOLEKUELE 52580
KT 6-1936 KRIST. FEHL. 66035
L 6-1597 GASE 58025
6-1602 GASE 58025
LG 1-1320 KERNSTRHLG. 44030
6-1110 KERNREAKTIO 43092
LS 9-2638 DUENNE SCHI 74040
MA 6- 280 HYDRODYNAM. 23060
MB 8-1178 KERNSPEKTR. 42575
8-1180 KERNSPEKTR. 42575
ML 9- 75 LABORTECHN. 12580
MM 8- 572 MASER, LASER 28035
12- 590 MASER, LASER 28035
MS 12- 320 STATISTIK 17530
PB 1-2030 DIELEKTRIKA 68030
4-2248 LEITFHGK. FK 70054
6-2086 GITTERDYN. 67006
PD 3- 858 STARKE WW. 41767
3- 949 KERNSPEKTR. 42555
8-1119 KERNSPEKTR. 42545
RA 9-2856 SONNENPHYS. 93326
RC 1-2378 SUPRALEITG. 70540
4- 843 BESCHLEUNIG 41020
6- 350 ELEKTRODYN. 26540
6-2379 SUPRALEITG. 70540
7-1338 PLASMA 57010
9-2537 FK-SPEKTREN 73380
10-2675 FK-SPEKTREN 73380
11-2623 SUPRALEITG. 70540
RD 6-2698 GRENZFL. FK 74520
RE 1-1469 MOLEKUELE 52536
6-2016 MECH. EIG. FK 66514
8-2498 FK-SPEKTREN 73340
12-3299 GEOMAGNET. 90470
RH 10- 776 BESCHLEUNIG 41010
10-3073 KOSH. PHYSIK 94510
12-3302 GEOMAGNET. 90470
RJ 8-1773 FLUESSIGK. 58546
9- 870 STARKE WW. 41764
RL 6-1572 GASENTLADG. 57870
SA 9-2572 OPT. EIG. FK 73625
12-2377 GITTERDYN. 67010
SC 5-2377 HALBLEITER 71563
8-2374 HALBLEITER 71520
TA 3- 472 HF-TECHNIK 27560
8-1449 MOLEKUELE 52547
9-1325 MOLEKUELE 52547
9-1326 MOLEKUELE 52547
WH 10- 198 QUANTENTHED 16533
10-1583 MOLEKUELE 52575
4-2535 DUENNE SCHI 74010
WR 3- 87 VAKUUM 13010
MILLER III JR 12-1993 FLUESSIGK. 58540
MILLER FJ 5-1734 FLUESSIGK. 58510
MILLERON JR. FJ 9- 684 BESCHLEUNIG 41000
PF 3-2331 SUPRALEITG. 70550
MILLET F 12- 660 OPT. INSTRUM 28510
J 7-2330 HALBLEITER 71530
10-1644 PLASMA 57010
EJ 1-2303 HALBLEITER 71510
WE 10-1845 FLUESSIGK. 58543
WB 2-1170 ATOME 52065
MH 11-2477 MAGN. EIG. FK 69060
AH 8-2378 HALBLEITER 71520
MILLIARD J 4-1493 MOLEKUELE 52524
DE 5-1400 MOLEKUELE 52536
5-1409 MOLEKUELE 52538
11-1531 MOLEKUELE 52526
11-1545 MOLEKUELE 52536
4-2722 LUFTHUELLE 90820
MILLIKAN RC 7- 416 THERMODYN. 24530
AF 7- 729 ELEMENTART. 41563
AP 10-2373 LEITFHGK. FK 70028
9-2665 GRENZFL. FK 74520
BY 11-3429 KOSH. PHYSIK 94520
DL 3-1756 KRIST. FEHL. 66025
7-2035 GITTERDYN. 67010
7-2295 METAL. LEITG 71010

MILLS - MITTLEMAN

MILLS	DL	8-2168	MAGN.EIG.FK	69025	MINIER	M	11-1992	KRISTALLE	65540	MISHRA	UK	11-2730	HALBLEITER	7
		8-2196	MAGN.EIG.FK	69050			12-2119	KRISTALLE	65540	MISIUNAS	A	12-1532	ATOME	5
		9-2694	GRENZFL.FK	74560	MININ	IN	7-2896	STERNE	94025	MISME	P	4- 55	TAGUNGEN	1
		11-2505	MAGN.EIG.FK	69065			10-2999	PLANETEN	93613	MISNER	CW	5-2973	KOSM.PHYSIK	9
		12-2129	KRISTALLE	65545	MINKIEWICZ	VJ	3-1916	GITTERDYN.	67020	MISRA	B	2-2414	THERMOELEKT	7
	DM	6-1537	PLASMA	57213			5-2068	GITTERDYN.	67020		M	6- 217	FELDTHEORIE	1
	F	9- 864	STARKE WW.	41762			6-2087	GITTERDYN.	67040		NK	9-1882	KRIST.FEHL.	6
	FE	9- 712	BESCHLEUNIG	41020			10-2275	MAGN.EIG.FK	69030		RM	3- 269	FELDTHEORIE	1
	JC	3-1683	KRISTALLE	65574	MINKO	LY	7-1612	PLASMA	57256		SC	1-1736	FLUESSIGK.	5
	R	9- 55	LABORTECHN.	12510			12-1854	PLASMA	57206			12-1948	FLUESSIGK.	5
	RE	1-2113	MAGN.EIG.FK	69025	MINKOFF	I	1- 516	TEILCH.OPT.	27040		SK	5-1035	KERNSPEKTR.	4
	RG	11-1791	PLASMA	57250		JB	12- 674	OPT.INSTRUM	28540		SP	12- 199	QUANTENTHEO	1
	RL	1-2005	THERMEIG.FK	67556	MINLOS	RA	9- 402	GASE	58010	MISSENARD	FA	5-1715	GASE	5
		5-2044	MECH.EIG.FK	66545	MINNAERT	MGJ	9-2775	LUFTHUELLE	90860	MISSIROLI	GF	10-2053	KRIST.FEHL.	6
		7- 85	LABORTECHN.	12570		P	12- 922	ELEMENTART.	41543			12-3167	DUEENNE SCHI	7
		8-1898	KRISTALLE	65582	MINNIER	MB	7-2570	OPT.EIG.FK	73655	MISSONI	G	1-1314	KERNSTRHLG.	4
MILLS JR.	DW	12-3210	DUEENNE SCHI	74060	MINOH		12-1641	MOLEKUELE	52543	MISTA	L	5- 155	QUANTENTHEO	1
MILMAN	YV	3-1808	KRIST.FEHL.	66035			11-1831	GASENTLADG.	57860	MISTRETTA	C	5-1127	KERNREAKTIO	4
		4-2196	MAGN.EIG.FK	69065	MINOO	H	3-1774	KRIST.FEHL.	66025			12- 972	ELEMENTART.	4
MILNE	GS	8- 33	BUECHER	11000	MINORU	SUMITA						12- 973	ELEMENTART.	4
	RD	12- 405	ELASTIZIT.	22595	MINTEN	A	8- 912	ELEMENTART.	41576	MISTRY	N	12- 962	ELEMENTART.	4
	TA	8-1371	ATOME	52090			10- 949	STARKE WW.	41753			12- 963	ELEMENTART.	4
		8-1382	MOLEKUELE	52510	MINTON	P	7- 350	HYDRODYNAM.	23070	MISU	A	1-2204	LEITFHGK.FK	7
		9-1244	ATOME	52090	MINTS	RG	8-2261	LEITFHGK.FK	70024			1-2526	OPT.EIG.FK	7
MILNER	AS	11-2524	MAGN.EIG.FK	69070		RI	1-1931	MECH.EIG.FK	66516	MITA	M	12-3023	FK-SPEKTREN	7
	DJ	2-1599	FLUESSIGK.	58570	MINYAFAYEV	RK	6-2740	GRENZFL.FK	74580	MITANI	K	1-1647	PLASMA	5
		3-1593	FLUESSIGK.	58570			10-2543	FK-SPEKTREN	73310		S	2-1955	THERMEIG.FK	6
		5-1819	FLUESSIGK.	58570			3-1952	GITTERDYN.	67060			2-1956	THERMEIG.FK	6
		9-1714	FLUESSIGK.	58573	MIODOWNIK	AP	12-2408	GITTERDYN.	67060	MITCHELL	AC	8-1237	KERNREAKTIO	4
	WT	5-1056	KERNSPEKTR.	42550			11-2414	MAGN.EIG.FK	69040			11-1877	FLUESSIGK.	5
		12-1392	KERNREAKTIO	43080	MIR	KASIMOV RM	12- 247	QUANTENTHEO	16578		CJ	12- 678	OPT.INSTRUM	2
MILNES	GC	9-1661	FLUESSIGK.	58530	MIRACLE	SOLE S	1- 204	QU.FELDTHEO	17010		D	5- 633	OPT.INSTRUM	2
MILOJEVIC	A	3-2116	MAGN.EIG.FK	69040			4- 295	STATISTIK	17530		DJ	12-2601	LEITFHGK.FK	7
MILOSLAVSKII	V.K.						8- 284	STATISTIK	17520		DL	1-2531	OPT.EIG.FK	7
		5-2745	DUEENNE SCHI	74065			10-2193	THERMEIG.FK	67550		EWJ	1-2567	OPT.EIG.FK	7
MILOSLAVSKY	VK	9-2657	DUEENNE SCHI	74060			11- 193	STATISTIK	17526			5-2549	FK-SPEKTREN	7
MILOT	E	3-2106	MAGN.EIG.FK	69030	MIRANDA	A	12-1377	KERNREAKTIO	43070		GE	4-1103	KERNSPEKTR.	4
MILOVANOV	VP	12-1360	KERNREAKTIO	43054	MIRENSKII	AV	8- 626	OPT.INSTRUM	28526			6- 927	KERNSPEKTR.	4
	YV	10- 451	THERMODYN.	24530	MIRETSKII	BP	10- 603	MASER,LASER	28055		JD	10- 457	THERMODYN.	2
MILOVIDOVA	NP	3-2769	KOSM.STRLG.	90636	MIRETZKII	BP	7- 532	MASER,LASER	28035		JW	6- 233	ELASTIZIT.	2
		3-2772	KOSM.STRLG.	90636	MIRGALOVSKAYA	M.S.					OMM	2-1775	KRIST.FEHL.	6
		3-2773	KOSM.STRLG.	90636			11- 439	MASER,LASER	28035		P	3- 666	KERN-MESSG.	4
MILSTED	J	8-1176	KERNSPEKTR.	42575	MIRIANASHVILI	S.M.						6- 491	OPT.INSTRUM	2
MILSTEIN	F	3-2144	MAGN.EIG.FK	69060			2-2344	HALBLEITER	71530		RC	3-1247	MOLEKUELE	5
MILTON	JCD	11-1315	KERNREAKTIO	43068	MIRINSKII	DS	2-1946	THERMEIG.FK	67550			9-2536	FK-SPEKTREN	7
	JE	2-2140	MAGN.EIG.FK	69060			8- 108	LABORTECHN.	12515		RL	12-3320	LUFTHUELLE	9
MILVIDSKII	MG	7-2362	HALBLEITER	71570	MIRISHLI	FA	6-1863	KRISTALLE	65588		RW	3-1231	MOLEKUELE	5
		8-1968	KRIST.FEHL.	66035	MIRKIN	IL	2-1780	KRIST.FEHL.	66035		TE	1-1883	KRIST.FEHL.	6
		9-2285	HALBLEITER	71530		LI	2-1836	KRIST.FEHL.	66070			6-2009	MECH.EIG.FK	6
		12-2248	KRIST.FEHL.	66025			6-1962	KRIST.FEHL.	66035			6-2033	MECH.EIG.FK	6
		12-2281	KRIST.FEHL.	66035			10-1837	FLUESSIGK.	58530			12-2361	MECH.EIG.FK	6
MILWARD	RC	1-2506	FK-SPEKTREN	73330			12-2280	KRIST.FEHL.	66035		WH	4- 684	OPT.INSTRUM	2
		2-2478	FK-SPEKTREN	73330	MIRKOTAN	SF	8-2725	ERDKOERPER	90260	MITCHNER	M	1-1554	PLASMA	5
MILYAEV	VA	2-1884	GITTERDYN.	67010	MIRLIN	DN	2-2488	FK-SPEKTREN	73330	MITIN	AV	2- 935	KERNSPEKTR.	4
MIMA	H	6- 608	KERN-MESSG.	40570			6-2117	THERMEIG.FK	67520		RV	1-1710	GASENTLADG.	5
MININOSHVILI	Z.N.						9-2449	FK-SPEKTREN	73330			2-1497	GASENTLADG.	5
		9- 975	KERNSPEKTR.	42560	MIRMAN	R	12- 185	QUANTENTHEO	16516	MITINA	NI	11-1667	PLASMA	5
MIMPEN	AM	11-3488	HOEREN	96310			12- 186	QUANTENTHEO	16516	MITLER	HE	8- 84	UNTERRICHT	1
MIMS	WB	4-2111	FK-SPEKTREN	73355	MIRONOV	AI	12- 153	VAKUUM	13025	MITO	A	6-1089	KERNREAKTIO	4
		8-1859	KRISTALLE	65545		SA	2-2168	MAGN.EIG.FK	69070		I	8-1049	STARKE WW.	4
MIN	K	11-1205	KERNREAKTIO	43026			5-2297	MAGN.EIG.FK	69070	MITOME	K	11-3152	DUEENNE SCHI	7
MINA	RT	12-2642	LEITFHGK.FK	70035		VL	1- 673	PHYS.OPTIK	29030	MITOVAN	SV	6- 854	STARKE WW.	4
MINAEVA	GG	9-1828	KRISTALLE	65588		VN	11-1359	K-REAKTOREN	43540	MITRA	AK	8- 293	STATISTIK	1
	KA	5-2099	GITTERDYN.	67060	MIRONOV	KOPYSOV	V.S.				AN	2- 841	STARKE WW.	4
	LA	8-2970	KOSM.PHYSIK	94520			12-2352	MECH.EIG.FK	66540			2- 860	STARKE WW.	4
		10-1426	ATOME	52045	MIROPOLSKY	YZ	10-2848	ERDKOERPER	90260			2- 861	STARKE WW.	4
		11-1407	ATOME	52010	MIROSHCHENKO	I.S.						3- 875	KERNSTRUKT.	4
MINAKOVA	TS	1-2650	GRENZFL.FK	74535			4-2646	GRENZFL.FK	74573			4- 975	STARKE WW.	4
MINAMI	M	11- 73	QUANTENTHEO	16513	MIROSHIN	NY	1-2102	MAGN.EIG.FK	69010			7- 972	STARKE WW.	4
		12- 291	QU.FELDTHEO	17040	MIROSHKIN	VV	11- 609	KERN-MESSG.	40555			10- 970	STARKE WW.	4
	S	5- 893	STARKE WW.	41730	MIROSHNICHENKO	F.D.						11- 877	STARKE WW.	4
		6- 718	ELEMENTART.	41572			11-2415	MAGN.EIG.FK	69040		GB	9-1882	KRIST.FEHL.	6
		8-1000	STARKE WW.	41753		II	3-1015	KERNREAKTIO	43024			10-1968	KRISTALLE	6
		9- 567	OPT.INSTRUM	28530			8- 820	BESCHLEUNIG	41020		NR	4-1992	MECH.EIG.FK	6
MINAMIKAWA	T	11- 796	STARKE WW.	41725		IV	2-2042	FK-SPEKTREN	73355		SC	5-2472	HALBLEITER	7
		7- 864	ELEMENTART.	41546		LI	6-2772	KOSM.STRLG.	90600		SK	7-1132	KERNSPEKTR.	4
		8- 855	ELEMENTART.	41540		LS	4-2646	GRENZFL.FK	74573		SS	1-2502	FK-SPEKTREN	7
		8- 999	STARKE WW.	41753	MIROTVORSKII	V.S.						2-2218	KRIST.FEHL.	6
MINAMISONO	T	1-1053	KERNSPEKTR.	42540			8- 362	ELASTIZIT.	22520			6-2551	FK-SPEKTREN	7
MINARDI	E	2-1350	PLASMA	57017	MIRRI	AM	5-1402	MOLEKUELE	52536		TK	10-2419	SUPRALEITG.	7
		10-1693	PLASMA	57055			7-1392	MOLEKUELE	52514	MITROFANOV	KP	2-1986	DIELEKTRIKA	6
MINARIK	EV	4- 917	ELEMENTART.	41574			12-1595	MOLEKUELE	52514			3-1565	FLUESSIGK.	5
		6- 724	ELEMENTART.	41574	MIRZA	IM	11-1596	MOLEKUELE	52580	MITROFANOVA	AV	5-1188	KERNREAKTIO	4
MINASSIAN	TER L.	3- 73	LABORTECHN.	12530	MIRZAYAN	AS	11- 651	BESCHLEUNIG	41010	MITROPAN	IM	9-1561	PLASMA	5
		6-2115	THERMEIG.FK	67520	MISAWA	S	10- 287	STATISTIK	17563	MITSEK	AI	4-2195	MAGN.EIG.FK	6
MINATO	K	2-1338	POLYMERE	53542	MISCHUR	H	3- 584	OPT.INSTRUM	28566			11-2335	MAGN.EIG.FK	6
MINATTI	N	12- 965	ELEMENTART.	41574	MISEK	K	2-1723	KRIST.FEHL.	66010	MITSKEVICH	AM	8- 353	MECHANIK	2
MINAZZOLI	JC	6- 375	HF-TECHNIK	27530			3-2347	METAL.LEITG	71000		NV	12- 346	FELDTHEORIE	1
MINCK	RW	5- 689	PHYS.OPTIK	29045	MISELL	DL	4- 125	MESSEN	12240		PK	11-1943	FLUESSIGK.	5
MINDLINA	MA	11-2829	FK-SPEKTREN	73315	MISELYUK	EA	10-2463	HALBLEITER	71520			11-2277	DIELEKTRIKA	6
MINDT	W	8-2423	HALBLEITER	71580			12-2801	HALBLEITER	71563			11-2693	HALBLEITER	7
MINEEV	VI	7-1280	KERNSTRHLG.	44033	MISETICH	AA	5-1876	KRISTALLE	65545	MITSUDO	H	8-2408	HALBLEITER	7
	VN	2-2000	DIELEKTRIKA	68050	MISHAKOVA	AP	4- 891	ELEMENTART.	41546	MITSUHASHI	H	1-2558	OPT.EIG.FK	7
		3-1889	MECH.EIG.FK	66550	MISHCHENKO	LG	6-2791	KOSM.STRLG.	90646	MITSUI	T	1-1963	GITTERDYN.	6
		3-1892	MECH.EIG.FK	66553			7- 746	KERN-MESSG.	40512			2-2154	MAGN.EIG.FK	6
MINEHART	RC	9- 771	ELEMENTART.	41574			11- 829	STARKE WW.	41735			3-2011	DIELEKTRIKA	6
		10- 872	ELEMENTART.	41574			12- 639	MASER,LASER	28055			3-2021	DIELEKTRIKA	6
MINENKO	LI	2- 685	BESCHLEUNIG	41040			4-1225	KERNREAKTIO	43046			5-2139	DIELEKTRIKA	6
MINERVINA	ZV	4-1016	STARKE WW.	41773	MISHEV	IA	11- 639	KERN-MESSG.	40584			12-2366	MECH.EIG.FK	6
MINET	R	8- 566	M											

MITTLEMAN - MOLOTKOV

MAN	MH	7-1345	ATOME	52070	MIZUTANI	T	1-2413	HALBLEITER	71580	MOHAN	H	6-2610	OPT.EIG.FK	73645
		8-1309	ATOME	52020		Y	6- 613	KERN-MESSG.	40580			7-2556	OPT.EIG.FK	73645
		10-1435	ATOME	52065	MJOLSNESS	RC	5-1230	KERNSTRHLG.	44033			10-2730	OPT.EIG.FK	73645
		11-1413	ATOME	52070			5-1539	PLASMA	57015	MOHANTI	AK	6- 700	ELEMENTART.	41546
		11-1467	ATOME	52075	MKHEIDZE	GP	7-1599	PLASMA	57235			7- 173	QUANTENTHO	16578
RR	P	11- 885	STARKE WW.	41764	MLADJENOVIC	M	7-1050	KERN-SPEKTR.	42530			7- 859	ELEMENTART.	41546
		11- 886	STARKE WW.	41764	MLADJOV	L	11-3069	DUENNE SCHI	74010	MOHANTY	BS	5-1437	MOLEKUELE	52524
		12-1110	STARKE WW.	41764	MLAVSKY	AI	4-1838	KRISTALLE	65510			10-1527	MOLEKUELE	52524
	IS	4- 952	STARKE WW.	41735	MLNARIK	L	4-2329	HALBLEITER	71520		S	3-1289	MOLEKUELE	52533
	R	2-1384	PLASMA	57080	MNATSAKANIAN	M.A.					SR	3-1820	KRIST.FEHL.	66065
		4- 592	HF-TECHNIK	27550			7- 278	FELDTHEORIE	18060			9-1890	KRIST.FEHL.	66065
		4-2632	GRENZFL.FK	74550	MNATSAKANIAN	A.K.				MOHAPATRA	RN	12- 929	ELEMENTART.	41546
		5- 679	PHYS.OPTIK	29040			1-1529	PLASMA	57010	MOHLER	E	4-2435	FK-SPEKTREN	73325
		8-1635	PLASMA	57075		AV	8-2143	DIELEKTRIKA	68030		OC	11-3356	SONNENPHYS.	93310
LL	YA	10-1886	FLUESSIGK.	58570	MNYUKH	YV	6-1789	KRISTALLE	65510	MOHLER	RR	12-1430	K-REAKTOREN	43520
SSKY	V	7- 366	WAERME	24000	MO	JM	6-1069	KERNREAKTIO	43054	MOHN	E	11- 455	MASFR,LASER	28050
IN	AY	11-2029	KRISTALLE	65574			10-1094	KERN-SPEKTR.	42545		L	9- 246	MECHANIK	22010
		12-2182	KRISTALLE	65574			8- 912	ELEMENTART.	41576		LW	1-2044	FK-SPEKTREN	73370
OV	NA	12-3222	GRENZFL.FK	74510	MOAK	CD	3-1824	KERNSTRHLG.	44030	MOHR	CBO	12-1542	ATOME	52060
OVA	EE	9-2800	IONOSPHAERE	91045			4-1272	KERNREAKTIO	43075		U	6-1800	KRISTALLE	65518
EV	VK	8-2379	HALBLEITER	71520			6-1100	KERNREAKTIO	43085			6-1801	KRISTALLE	65518
FF	M	7-1419	MOLEKUELE	52536			10-2863	KOSM.STRLG.	90600	MOINE	P	9-1878	KRIST.FEHL.	66035
		12-1628	MOLEKUELE	52538	MOAL DAIRE	LE M.F.				MOINEREAU	P	10-1361	K-REAKTOREN	43550
RR	KM	7- 361	AKUSTIK	23530			5-2009	KRIST.FEHL.	66076	MOISAN	J	9-2049	GRENZFL.FK	74525
	K	7- 863	ELEMENTART.	41546	MOAZAMI	GOUDARZI K.				MOISEEV	BM	10-2664	FK-SPEKTREN	73370
		7- 864	ELEMENTART.	41546			1-2687	ERDKOERPER	90240			11-2983	FK-SPEKTREN	73370
		7-1215	KERNREAKTIO	43064			1-2688	ERDKOERPER	90240		IG	8-2990	KOSM.PHYSIK	94550
	M	6-1272	MOLEKUELE	52514	MOAZED	C	9-1071	KERNREAKTIO	43075			9-2960	KOSM.PHYSIK	94510
	RM	5- 126	MATH.PHYSIK	16040			12-1361	KERNREAKTIO	43058	MOISEWITSCH	B.L.	6-1472	PLASMA	57055
		6-2480	HALBLEITER	71580	MOBERG	WL	3-2651	DUENNE SCHI	74060			9-1228	ATOME	52070
	YF	1-1884	KRIST.FEHL.	66035	MOBLEY	R	2- 289	HYDRODYNAM.	23060			9-1230	ATOME	52065
	M	3-2533	FK-SPEKTREN	73335		RM	7-1482	MOLEKUELE	52590			11-1459	ATOME	52070
WWA	I	8-2553	FK-SPEKTREN	73370	MOCH	P	2-2577	DUENNE SCHI	74010			11-1462	ATOME	52070
		11-2947	FK-SPEKTREN	73370			5-2456	HALBLEITER	71520			12-1541	ATOME	52060
		2-1695	KRISTALLE	65582	MOCHALKIN	NN	9-2656	DUENNE SCHI	74060	MOISEV	VA	10-2318		84072
	A	9- 301	HYDRODYNAM.	23020	MOCHALOV	SH	8-2057	MECH.EIG.FK	66550	MOISEYEV	BN	10-2090	MECH.EIG.FK	66514
ARA	H	3-1415	PLASMA	57085	MOCHIZUKI	J	2-1997	DIELEKTRIKA	68030	MOISSEEV	A	5- 894	STARKE WW.	41730
	S	4-2567	DUENNE SCHI	74020		T	9- 365	WAERME	24023			5- 896	STARKE WW.	41730
		2-1719	KRISTALLE	65588	MOCK	M	1-2835	KOSM.PHYSIK	94540	MOISY	EG	3-2506	FK-SPEKTREN	73325
		2-2200	LEITFHGK.FK	70024	MOCKEL	A	2-1109	K-REAKTOREN	43515			12-1614	MOLEKUELE	52528
		12-2588	MAGN.EIG.FK	69065			10- 139	QUANTENTHO	16513	MOIZHAS	BY	2-2326	HALBLEITER	71520
AWA	T	11-2570	LEITFHGK.FK	70053	MOCKER	HW	9- 522	MASER,LASER	28055			2-2415	THERMOELEKT	72000
E	K	7- 767	KERN-MESSG.	40522	MOCKETT	P	11- 580	KERN-MESSG.	40560			7-1621	GASENTLADG.	57810
		11- 751	ELEMENTART.	41574		PM	9- 811	STARKE WW.	41725			7-2668	GRENZFL.FK	74566
		12- 970	ELEMENTART.	41574	MOCOROA	A	9- 953	KERN-SPEKTR.	42550			8-2105	THERMEIG.FK	67520
	S	5-2950	KOSM.PHYSIK	94530	MODAN	M	1- 330	HYDRODYNAM.	23020	MOKHIN	EP	4- 775	KERN-MESSG.	40503
		11-3185	GRENZFL.FK	74560	MODEL	IS	10-1655	PLASMA	57020	MOKHIR	EP	8- 759	KERN-MESSG.	40518
	T	3-2557	OPT.EIG.FK	73605	MODELSKA	BERKAN A.				MOKHNACH	AD	12-1374	KERNREAKTIO	43064
AA	G	12-1871	PLASMA	57253			9- 654	KERN-MESSG.	40520		DO	1-2808	PLANETEN	93620
OTO	H	8- 826	BESCHLEUNIG	41040	MODENA	I	1-1746	FLUESSIGK.	58527			1-2809	PLANETEN	93620
	S	6-1832	FK-SPEKTREN	73310			3-1555	FLUESSIGK.	58527	MOKHOV	GD	7-2125	DIELEKTRIKA	68030
		8-2886	PLANETEN	93610			10- 453	FLUESSIGK.	58527			10-2523	PHOTOLEITG.	72510
	T	12-2925	FK-SPEKTREN	73330	MODENOV	VP	3- 444	HF-TECHNIK	27530			11-3099	DUENNE SCHI	74040
		7-1614	PLASMA	57260	MODI	VJ	5- 89	LABORTECHN.	12540	MOKLER	P	10- 770	BESCHLEUNIG	41010
		9-1563	PLASMA	57260	MODINOS	A	8-2711	GRENZFL.FK	74573	MOKRUSHIN	AD	4-1331	KERNSTRHLG.	44030
	Y	8- 855	ELEMENTART.	41540	MODJTAHED	ZADEH R.				MOKRYI	NI	12-2352	MECH.EIG.FK	66540
		8- 999	STARKE WW.	41753			11-1039	KERN-SPEKTR.	42540	MOLCHADZKI	A	11-1115	KERN-SPEKTR.	42560
URA	O	12- 999	STARKE WW.	41720	MODRZEJEWSKI	A	6-1799	KRIST.FEHL.	66040			12-1284	KERN-SPEKTR.	42570
ISHI	S	3- 955	KERN-SPEKTR.	42560	MOE	CR	11-3303	IONOSPHAERE	91020	MOLCHANOV	AG	12-2872	FK-SPEKTREN	73320
		4-1073	KERNSTRUKT.	42075		K	8-2756	LUFTHUELLE	90830		AP	12-3391	SONNENPHYS.	93312
OO	K	1-1066	KERN-SPEKTR.	42545			12-3315	LUFTHUELLE	90815		OA	2-2809	MAGNETOSPH.	91210
		4-1253	KERNREAKTIO	43056		MK	1-2711	KOSM.STRLG.	90600		VA	2-1207	ATOME	52060
	Y	10-1131	KERN-SPEKTR.	42555	MOEBES	J	3- 764	ELEMENTART.	41574			5-1970	KRIST.FEHL.	66035
		3- 954	KERN-SPEKTR.	42555	MOEBIUS	HH	12- 498	THERMODYN.	24540			6-1873	KRIST.FEHL.	66010
		8-1158	KERN-SPEKTR.	42560		K	7-1438	MOLEKUELE	52547			11-1384	KERNSTRHLG.	44030
HHITA	S	3- 810	STARKE WW.	41735			10-1560	MOLEKUELE	52547			11-2160	KRIST.FEHL.	66079
		12- 983	STARKE WW.	41700		P	1- 791	ELEMENTART.	41540			11-3158	GRENZFL.FK	74520
WA	N	4-2171	MAGN.EIG.FK	69040			2- 886	STARKE WW.	41770			11-3209	GRENZFL.FK	74576
		9-2157	MAGN.EIG.FK	69070	MOEBS	WDC	4- 937	STARKE WW.	41725	MOLDAUER	PA	1-1168	KERNREAKTIO	43008
	T	1-2499	FK-SPEKTREN	73330	MOECKEL	P	5-2606	FK-SPEKTREN	73340			5-1108	KERNREAKTIO	43005
		10-2558	FK-SPEKTREN	73320	MOEDL	H	8-2464	FK-SPEKTREN	73325			9- 993	KERNREAKTIO	43000
		11-1618	POLYMER	53535	MOEHL	D	2- 679	BESCHLEUNIG	41040			11-1177	KERNREAKTIO	43008
		12-2875	FK-SPEKTREN	73320			2- 680	BESCHLEUNIG	41040			11-1183	KERNREAKTIO	43012
AAKE	O	10-1198	KERNREAKTIO	43018	MOEHLING	W	6-1921	KRIST.FEHL.	66035	MOLDOVANU	A	5- 461	ELEKTIZIT.	26016
ANI	SY	2-2335	HALBLEITER	71520	MOEHRLE	G	10-3147	STRAHL.BIOL	97020	MOLEA	H	10-1309	KERNREAKTIO	43080
		11-2773	HALBLEITER	71585	MOELLENSTEDT	G	4- 554	TEILCH.OPT.	27030	MOLEN VAN	DER S.B.			
UCHI	K	12- 630	MASER,LASER	28055	MOELLER	A	5-1473	ATOME	52085			9-2527	FK-SPEKTREN	73370
	T	1-2577	OPT.EIG.FK	73645			12-1675	MOLEKUELE	52575	MOLGAARD	HY	12-2063	FLUESSIGK.	58570
		7-2327	HALBLEITER	71520		CE	9- 379	WAERME	24060	MOLIERE	K	7-2627	GRENZFL.FK	74520
AAKI	K	8-1264	K-REAKTOREN	43520		HS	11-1990	KRISTALLE	65540	MOLINARI	A	8-1085	KERNSTRUKT.	42075
	T	6-2668	DUENNE SCHI	74040		KD	7-1428	MOLEKUELE	52538			8-1175	KERN-SPEKTR.	42570
		11-3103	DUENNE SCHI	74040		P	11- 998	KERNSTRUKT.	42075			11- 983	KERNSTRUKT.	42070
AWA	H	3-2411	HALBLEITER	71540		PA	2- 417	TEILCH.OPT.	27016	MOLJK	A	7-1066	KERN-SPEKTR.	42545
		7-2317	HALBLEITER	71520			4- 543	TEILCH.OPT.	27010			7-1298	ATOME	52022
	T	6-2082	GITTERDYN.	67020		RH	4- 351	MECHANIK	22036	MOLLA	JP	11-3274	LUFTHUELLE	90810
		8-1513	POLYMER	53530		W	6- 83	VAKUUM	13050	MOLLARD	P	1-2133	MAGN.EIG.FK	69040
IMA	T	1- 969	STARKE WW.	41783	MOENKE	H	10- 610	MASER,LASER	28060			2-2116	MAGN.EIG.FK	69010
IMA	K	9- 680	KERN-MESSG.	40584	MOENKEMEYER	D	3- 764	ELEMENTART.	41574	MOLLENAUER	JF	2-1046	KERNREAKTIO	43052
	S	3-1348	PLASMA	57023	MOESNER	J	4-1217	KERNREAKTIO	43044			11- 942	KERNSTRUKT.	42010
	T	9- 445	ELEKTIZIT.	26060	MOESSBAUER	RL	1-1832	FK-SPEKTREN	73310			11-1255	KERNSTRUKT.	43052
	JP	12-2803	HALBLEITER	71566			3-1640	KRISTALLE	65545		LF	9-1758	KRISTALLE	65540
	VJ	1- 114	MATH.PHYSIK	16040			3-1641	KRISTALLE	65545			11-2345	MAGN.EIG.FK	69025
		1- 436	THERMODYN.	24510			10-1939	KRISTALLE	65545	MOLLENKOPF	HC	3-2374	HALBLEITER	71520
		12- 492	THERMODYN.	24510			11-1107	KERN-SPEKTR.	42560	MOLLER	C	1- 270	FELDTHEORIE	18040
RA	PF	3-1087	KERNREAKTIO	43080			12-2852	FK-SPEKTREN	73310		HB	8- 470	THERMODYN.	24500
ER	Z	1- 21	BIOGRAPHIEN	10220	MOESTA	H	4-2040	ORIENTALISCH	71520			3-2118	MAGN.EIG.FK	69040
UCHI	A	10- 403	AKUSTIK	23520			7- 48	BUECHER	11020					

MOLYNEUX - MORIARTY

MOLYNEUX	JE	11- 285	HYDRODYNAM.	23020	MOOMAW	WR	8-2606	OPT.EIG.FK	73635	MORAVCSIK	MJ	1- 907	STARKE WW.		
MOLZAHN	D	11- 50	LABORTECHN.	12525	MOON	DM	6-1954	KRIST.FEHL.	66035			2- 819	STARKE WW.		
MOMA	YA	12-2806	HALBLEITER	71566		DR	12-2265	KRIST.FEHL.	66035			4- 961	STARKE WW.		
MOMMSEN	H	1- 94	VAKUUM	13020		JW	5-2426	SUPRALEITG.	70550			9- 179	QU.FELDTHEO		
		7- 628	OPT.INSTRUM	28535			10-2437	SUPRALEITG.	70540			11- 153	QU.FELDTHEO		
MON	JP	4-2468	FK-SPEKTREN	73340		RM	11-2299	MAGN.EIG.FK	69010	MORAVEC	F	12-2485	DIELEKTRIKA		
		9-1318	MOLEKUELE	52540	MOONEY	RW	3-1229	MOLEKUELE	52536		RW	7-1719	FLUESSIGK.		
		9-2459	FK-SPEKTREN	73340			4-2510	OPT.EIG.FK	73640	MORAWITZ	H	1- 801	ELEMENTART.		
MONAGHAN JR.	J.P.				MOORADIAN	A	5-2604	FK-SPEKTREN	73340	MORAY	N	5-2986	HOEREN		
		6- 233	ELASTIZIT.	22530			12-2929	FK-SPEKTREN	73340	MORCOS	NA	10-1228	KERNREAKTIO		
MONAHAN	CF	6-1069	KERNREAKTIO	43054	MOORE	AJW	7- 474	TEILCH.OPT.	27040	MORDEHAL	S	11-1077	KERNSPEKTR.		
	JE	8-1088	KERNSPEKTR.	42500			7-2675	GRENZFL.FK	74573	MORDUCHOW	M	2- 279	HYDRODYNAM.		
MONARI	L	2- 799	STARKE WW.	41730		C	5- 891	STARKE WW.	41730	MORDVINOV	YP	7- 424	THERMODYN.		
		5- 897	STARKE WW.	41730		CA	3-2489	FK-SPEKTREN	73325	MORE	M	5- 676	PHYS.OPTIK		
		11- 888	STARKE WW.	41764		CB	4- 633	MASER,LASER	28055		R	8-2363	METAL.LEITG.		
MONCHICK	L	5- 236	STATISTIK	17540			4-1524	MOLEKUELE	52575	MOREAU	D	5-2610	FK-SPEKTREN		
MONCUR	NK	1-1452	MOLEKUELE	52514			4-2738	LUFTHUELLE	90860		R	4-1607	PLASMA		
MONDAL	PK	5- 608	OPT.INSTRUM	28523			10-1579	MOLEKUELE	52575			4-1608	PLASMA		
MONETI	GC	12-1055	STARKE WW.	41745			12- 571	HF-TECHNIK	27540	MOREH	R	6- 935	KERNSPEKTR.		
MONFILS	A	12-1610	MOLEKUELE	52524		CE	7-1293	ATOME	52020			9- 937	KERNSPEKTR.		
MONFORTE	FR	7-2159	MAGN.EIG.FK	69045		CF	2-1060	KERNREAKTIO	43060	MOREL	A	11-1227	KERNREAKTIO		
MONGA	SK	5- 990	STARKE WW.	41790			3-1073	KERNREAKTIO	43066			3- 177	QUANTENTHEO		
MONGE	P	11-1929	FLUESSIGK.	58530			3-1074	KERNREAKTIO	43066		JP	3-2134	MAGN.EIG.FK		
MONICA DELLA M		12-2052	FLUESSIGK.	58565			4-1266	KERNREAKTIO	43066	MORENO Y MORENO	A.				
MONIN	AS	10-2893	LUFTHUELLE	90840			8-1172	KERNSPEKTR.	42570			1-2600	DUENNE SCHI		
MONIZ	WB	11-1646	POLYMERE	53550			9- 960	KERNSPEKTR.	42555	MORET	H	8- 142	VAKUUM		
MONKEWICZ	A	2- 313	AKUSTIK	23540			9-1049	KERNREAKTIO	43058		JM	9-2467	FK-SPEKTREN		
	AA	4-1746	GASE	58030			11-1146	KERNSPEKTR.	42570		R	10-1126	KERNSPEKTR.		
MONKHORST	HJ	5-2281	MAGN.EIG.FK	69060			11-1275	KERNREAKTIO	43056			11-1099	KERNSPEKTR.		
MONLEON	JL	1-1161	KERNSPEKTR.	42575		DLG	2-1282	MOLEKUELE	52512	MORET BAILLY J	J	3- 560	OPT.INSTRUM		
		4-1167	KERNSPEKTR.	42575		DM	9- 613	PHYS.OPTIK	29045			8-1430	MOLEKUELE		
MONNAND	E	1-1106	KERNSPEKTR.	42555		DW	8- 379	HYDRODYNAM.	23020	MORETON	A	7-1686	FLUESSIGK.		
		3- 991	KERNSPEKTR.	42570		EJ	3-2249	LEITFHGK.FK	70060		GE	10-2966	SonnenPHYS.		
		5-1072	KERNSPEKTR.	42555			3-2250	LEITFHGK.FK	70060	MORETTI	A	4- 843	BESCHLEUNIG.		
		6- 989	KERNSPEKTR.	42565			11-1460	ATOME	52070		E	8- 953	STARKE WW.		
MONNE	M	1- 103	VAKUUM	13030		JG	4-2739	LUFTHUELLE	90860			8-2979	KOSM.PHYSIK		
	MM	7- 114	VAKUUM	13030		JP	7-2088	THERMEIG.FK	67520	MORETTO	LG	12-1405	KERNREAKTIO		
MONNERET	J	1- 649	OPT.INSTRUM	28570		JT	11-2689	HALBLEITER	71530	MORFELD	U	1-1241	KERNREAKTIO		
		2- 556	OPT.INSTRUM	28570			8-2031	MECH.EIG.FK	66514			1-1246	KERNREAKTIO		
MONNET	Q	4- 713	PHYS.OPTIK	29015		L	11-2121	KRIST.FEHL.	66040	MORGAN	AD	7-2706	GEOMAGNET.		
		6- 495	OPT.INSTRUM	28556			8- 96	MESSEN	12240		AH	4- 116	MESSEN		
MONNIN	M	10-3078	KOSM.PHYSIK	94510		M	10- 563	MASER,LASER	28040		AM	1-2648	GRENZFL.FK		
		2- 656	KERN-MESSG.	40550		MA	4-1769	FLUESSIGK.	58525		CG	6-1403	PLASMA		
		5- 727	KERN-MESSG.	40510		MJ	3-1882	MECH.EIG.FK	66545		D	10- 894	STARKE WW.		
MONOD	P	5-2258	MAGN.EIG.FK	69040		MS	1-1320	KERNSTRHLG.	44030		DJ	6-2307	LEITFHGK.FK		
MONOD HERZEN G		1-2548	OPT.EIG.FK	73625			4-1228	KERNREAKTIO	43048			7-2198	LEITFHGK.FK		
MONOSOV	YA	4-2133	FK-SPEKTREN	73360			6-1110	KERNREAKTIO	43092		DP	9-2190	LEITFHGK.FK		
		7-2491	FK-SPEKTREN	73360		RA	2- 448	HF-TECHNIK	27540		DV	11-1379	KERNSTRHLG.		
		11-2930	FK-SPEKTREN	73360			2-2241	LEITFHGK.FK	70074			12-2308	KRIST.FEHL.		
MONOZON	BS	2-2510	OPT.EIG.FK	73610		RB	2- 977	KERNSPEKTR.	42560		EJ	12- 410	HYDRODYNAM.		
		7-2225	LEITFHGK.FK	70053			3- 960	KERNSPEKTR.	42560		FJ	6-1554	PLASMA		
MONSEU	P	1-1313	KERNSTRHLG.	44010			4-1244	KERNREAKTIO	43054		GB	5-1671	PLASMA		
MONSON JR.	PR	12-2064	FLUESSIGK.	58570			8-1215	KERNREAKTIO	43054		GH	10- 811	BESCHLEUNIG.		
MONSONEGO	Q	1-1007	KERNSTRUKT.	42070		RC	11-3379	PLANETEN	93610		GJ	8-2091	THERMEIG.FK		
		7-1056	KERNSPEKTR.	42540		RS	5-1516	POLYMERE	53542			12-2429	THERMEIG.FK		
		10-1050	KERNSTRUKT.	42075			9-1416	POLYMERE	53542		GL	10-1182	KERNREAKTIO		
MONTAGNER LE S		8-2137	DIELEKTRIKA	68030			10- 981	STARKE WW.	41764		HS	3-1311	POLYMERE		
MONTAGUE	JH	8-1112	KERNSPEKTR.	42540		RT	5-1714	GASE	58040		HW	1- 624	OPT.INSTRUM		
MONTALENTI	Q	11-2406	MAGN.EIG.FK	69040		SO	7-1169	KERNREAKTIO	43040			7- 566	MASER,LASER		
MONTANET	L	3- 779	STARKE WW.	41710		TW	7-2493	FK-SPEKTREN	73365			12-2918	FK-SPEKTREN		
		3- 821	STARKE WW.	41745		WH	4-1122	KERNSPEKTR.	42560		IL	1-1206	KERNREAKTIO		
		4- 969	STARKE WW.	41745			5-1165	KERNREAKTIO	43066			2-1021	KERNREAKTIO		
		5- 974	STARKE WW.	41764		WS	2-2057	FK-SPEKTREN	73360			7-1175	KERNREAKTIO		
		6- 750	STARKE WW.	41710			4-2118	FK-SPEKTREN	73355		JA	9-1995	THERMEIG.FK		
MONTBRIAND LE		3-2729	GEOMAGNET.	90470			8-2521	FK-SPEKTREN	73355		JF	6-1101	KERNREAKTIO		
MONTTELL	E	2-1741	KRIST.FEHL.	66025		WT	10-1359	K-REAKTOREN	43530		LA	7-1350	ATOME		
MONTEITH	LK	7-1962	KRIST.FEHL.	66076	MOORE JR.	FL	10-1404	ATOME	52024		RL	9- 551	OPT.INSTRUM		
MONTIEL	M	4-2815	SonnenPHYS.	93300	MOORES	DL	10-1430	ATOME	52060		TN	1-2574	OPT.EIG.FK		
MONTERDE GARCIA	A.				MOORHEAD	JB	1-1251	KERNREAKTIO	43070			9-2389	FK-SPEKTREN		
		6-1418	PLASMA	57010			6-1072	KERNREAKTIO	43056			11-3028	OPT.EIG.FK		
MONTE	OL	5-1943	KRIST.FEHL.	66015			6-1088	KERNREAKTIO	43066		WA	12-2918	FK-SPEKTREN		
MONTGOMERY	AJ	2- 529	OPT.INSTRUM	28545			9-1065	KERNREAKTIO	43066	MORGANSTERN RE		1-2825	STERNE		
	C	3- 343	AKUSTIK	23570	MOORHOUSE	RG	3- 825	STARKE WW.	41753			7- 269	FELDTHEORIE		
	D	3-1406	PLASMA	57080			7- 876	ELEMENTART.	41574	MORGENSHTERN Z.L.					
		4- 301	STATISTIK	17535			5-2363	LEITFHGK.FK	70053			4-1922	KRIST.FEHL.		
		5-1593	PLASMA	57080	MOORJANI	K	7-2415	FK-SPEKTREN	73320	MORGENSTERN H			8-1225	KERNREAKTIO	
		7-1510	PLASMA	57017			6-2718	GRENZFL.FK	74550			10-1222	KERNREAKTIO		
		7-1545	PLASMA	57055	MOORMANN	W	2-1885	GITTERDYN.	67020			11-1037	KERNSPEKTR.		
		7-1562	PLASMA	57080	MOOS	HW	3-1779	KRIST.FEHL.	66030			11-1336	KERNREAKTIO		
		9-1543	PLASMA	57235			4-2436	FK-SPEKTREN	73325		J	3-1032	KERNREAKTIO		
		11-1748	PLASMA	57080			4-2437	FK-SPEKTREN	73325			5-1101	KERNSPEKTR.		
		4-2045	THERMEIG.FK	67510			5-2826	LUFTHUELLE	90870			10-1235	KERNREAKTIO		
HC		12-2753	HALBLEITER	71520			6-1815	KRISTALLE	65545		ZL	9-1863	KRIST.FEHL.		
MD		10-2946	MAGNETOSPH.	91280			9-2405	FK-SPEKTREN	73325	MORGENTHALER F.R.			3-2168	MAGN.EIG.FK	
PW		3- 343	AKUSTIK	23570			1-2463	FK-SPEKTREN	73325				3-2167	MAGN.EIG.FK	
SR		6- 307	WAERME	24060			5-2627	OPT.EIG.FK	73610	MORGNER	W		2-1851	MECH.EIG.FK	
WD		8- 669	OPT.INSTRUM	28570			6-2419	HALBLEITER	71566	MORGULIS	LM		6-2053	MECH.EIG.FK	
MONTI	H	12-2209	KRISTALLE	65588			4-1808	FLUESSIGK.	58562				7-1926	KRIST.FEHL.	
MONTRET	JC	6- 792	STARKE WW.	41748	MOPSIK	FI	5- 865	STARKE WW.	41790				2-1495	GASENTLADG.	
	M	11- 930	STARKE WW.	41790	MORA	S	5-1806	FLUESSIGK.	58562				4-1587	PLASMA	
MONTRIMAS	E	4-2401	PHOTOLEITG.	72510	MORABIN	A	5-2142	DIELEKTRIKA	68020				4-1588	PLASMA	
		6-2492	PHOTOLEITG.	72500			6-2145	DIELEKTRIKA	68020				11-1657	PLASMA	
		6-2501	PHOTOLEITG.	72510			12-2469	DIELEKTRIKA	68020				9- 514	MASER,LASER	
		11-2799	PHOTOLEITG.	72510	MORACHEVSKII A.G.								1-2181	LEITFHGK.FK	
		11-2800	PHOTOLEITG.	72510			9-2025	THERMEIG.FK	67550	MORGUN	YF		2-1408	PLASMA	
		12-3201	DUENNE SCHI	74040			6-1181	ATOME	52040	MORI	H		5-2657	OPT.EIG.FK	
MONTROS	CJ	9-1716	FLUESSIGK.	58573	MORACK	JL	1-1102	KERNSPEKTR.	42555				10-2272	MAGN.EIG.FK	
MONTERRAT	A	2- 206	FELDTHEORIE	18020	MORAGUES	JA	8-1142	KERNSPEKTR.	42555				12-2403	GITTERDYN.	
MONTVAI	I	11- 680	ELEMENTART.	41510	MORAN	HS	3-2850	ASTROPHYSIK	93020				12-2958	FK-SPEKTREN	
MONTVAI	J	2- 846	STARKE WW.	41753			8-1315	ATOME	52024				6-1427	PLASMA	
		9- 780	ELEMENTART.	41574			4-1543	MOLEKUELE	52575						

MORIGAKI - MOSZKOWSKI

MO KI	H	2-2050 FK-SPEKTREN	73355	MOROZOV	VN	1- 669 PHYS.OPTIK	29020	MORTON	DC	11-3394 STERNE	94020
	K	1-2393 HALBLEITER	71563			12- 618 MASER,LASER	28050		GA	7- 487 TEILCH.OPT.	27068
		5-2204 FK-SPEKTREN	73355		VP	10-1516 MOLEKUELE	52514		JR	3-2060 FK-SPEKTREN	73355
		8-2535 FK-SPEKTREN	73355		VV	2-1526 GASE	58060			9-2483 FK-SPEKTREN	73355
DOT WA	P	8-2540 FK-SPEKTREN	73355			12- 650 MASER,LASER	28060		KW	4- 71 BUECHER	11020
	M	4- 849 HF-TECHNIK	27530		YN	2-2151 MAGN.EIG.FK	69060		M	8-2325 SUPRALEITG.	70520
		3-1716 KRISTALLE	65588			2-2152 MAGN.EIG.FK	69060			8-2334 SUPRALEITG.	70530
		12-3187 DUENNE SCHI	74020	MOROZOVA	IG	12-3113 OPT.EIG.FK	73610			10-2436 SUPRALEITG.	70520
	E	10-2735 OPT.EIG.FK	73645		NK	6-2665 DUENNE SCHI	74040		PL	10- 786 BESCHLEUNIG	41020
ON ON	A	9-2049 GRENZFL.FK	74525		SO	2-2724 GEOMAGNET.	90440		YM	6-1833 KRISTALLE	65560
	M	6- 454 OPT.INSTRUM	28530		TI	11-3052 OPT.EIG.FK	73670			11-1471 ATOME	52075
ON	CHAPEY	M.		MORPURGO	G	2- 870 STARKE WW.	41760		WT	10-1019 KERNSTRUKT.	42010
		1-2172 FK-SPEKTREN	73330		B	12- 520 ELEKTROZIT.	26030	MORUZZI	JL	4- 565 TEILCH.OPT.	27068
		9-1313 MOLEKUELE	52538	MORREAL	JA	11- 461 MASEK,LASER	28055		VL	9-1764 KRISTALLE	65545
TO	T	1- 227 STATISTIK	17520	MORRIS	B	6-2255 MAGN.EIG.FK	69040			9-2147 MAGN.EIG.FK	69060
		2-2336 HALBLEITER	71520		BM	11- 958 KERNSTRUKT.	42020			9-2148 MAGN.EIG.FK	69060
		8-2296 LEITFHGK.FK	70056		D	9-2994 KOSM.PHYSIK	94560	MORVA	T	6- 327 ELEKTRIZIT.	26016
	G	4- 431 HYDRODYNAM.	23070		DA	11- 39 UNTERRICHT	12030	MORYS	P	9-1796 KRISTALLE	65574
		5- 308 HYDRODYNAM.	23020		EC	12-3412 PLANETEN	93640	MOSANOV	O	5-2458 HALBLEITER	71520
	SJ	12-1808 PLASMA	57080		G	2- 581 PHYS.OPTIK	29033			7-2345 HALBLEITER	71550
	VF	5-1467 MOLEKUELE	52575		JC	9- 461 TEILCH.OPT.	27062			10-2487 HALBLEITER	71550
GA	H	1-1066 KERNSEKTR.	42545		JF	1-1667 PLASMA	57010	MOSCA	L	3- 854 STARKE WW.	41764
		4-1253 KERNREAKTIO	43056		JG	12-1884 GASENTLADG.	57810			10-1004 STARKE WW.	41783
		12-1339 KERNREAKTIO	43044		JH	9-1080 KERNREAKTIO	43080			11- 797 STARKE WW.	41725
AU	R	4-2553 DUENNE SCHI	74010		JM	10-1074 KERNSEKTR.	42540			11- 847 STARKE WW.	41740
	M	7- 490 TEILCH.OPT.	27068		K	11- 616 KERN-MESSG.	40570	MOSCHINI	G	1-1046 KERNSEKTR.	42535
	S	3-1526 GASE	58050		MC	8-1904 KRISTALLE	65584	MOSCICKI	W	11-3192 GRENZFL.FK	74566
WA	H	3-2534 FK-SPEKTREN	73335		ML	1- 719 KERN-MESSG.	40510	MOSCONY	JJ	7- 486 TEILCH.OPT.	27062
KI	S	6-2548 FK-SPEKTREN	73335			8-2740 KOSM.STRLG.	90630			7-2574 DUENNE SCHI	74000
	A	1-2386 HALBLEITER	71563		R	3-2457 PHOTOLEITG.	72510	MOSDALE	D	4-1954 KRIST.FEHL.	66070
		4-1868 KRISTALLE	65545		S	2-2865 STERNE	94020	MOSEKILDE	E	1-2353 HALBLEITER	71530
	E	1- 730 KERN-MESSG.	40520			9-2919 STERNE	94020	MOSEL	VI	7-1960 KRIST.FEHL.	66073
	H	11-2500 MAGN.EIG.FK	69060		TW	10-1003 STARKE WW.	41783	MOSELEY	K	7- 98 VAKUUM	13016
	K	1-1324 KERNSTRHLG.	44030		WF	7-2855 SONNENPHYS.	93328	MOSER	C	2-1229 MOLEKUELE	52512
		6- 807 STARKE WW.	41755		WG	12-2159 KRISTALLE	65572			4-1444 MOLEKUELE	52512
		8- 929 STARKE WW.	41700		WT	2-1476 GASENTLADG.	57815		CM	1-1368 ATOME	52030
		10- 936 STARKE WW.	41745	MORRIS JR.	ED	11- 573 KERN-MESSG.	40505			7-1383 MOLEKUELE	52512
	M	4- 872 ELEMENTART.	41543	MORRISH	AH	9-2372 FK-SPEKTREN	73310			10-1387 ATOME	52010
		11- 699 ELEMENTART.	41543			11-2400 MAGN.EIG.FK	69035		F	4-2438 FK-SPEKTREN	73325
	N	12- 563 HF-TECHNIK	27530			11-2423 MAGN.EIG.FK	69045			12-3342 LUFTHUELLE	90890
	S	2- 677 BESCHLEUNIG	41030	MORRISON	CF	4- 151 VAKUUM	13010		H	1-1480 MOLEKUELE	52540
		7- 829 BESCHLEUNIG	41010		D	8-2873 PLANETEN	93610			3- 345 WAERME	24020
		7-1215 KERNREAKTIO	43064		DJT	7-1393 ATOME	52070			7-1642 GASENTLADG.	57880
	T	11-1272 KERNREAKTIO	43054			10-1444 ATOME	52065		HC	8-2496 FK-SPEKTREN	73340
		8-1549 PLASMA	57010		DL	3-1101 K-REAKTOREN	43550			8-1358 ATOME	52070
	Y	2-1318 MOLEKUELE	52553		DRO	1- 954 STARKE WW.	41764		JB	2-1930 THERMEIG.FK	67520
	J	4- 347 MECHANIK	22034			2- 880 STARKE WW.	41764			9-1741 KRISTALLE	65510
		6- 600 KERN-MESSG.	40560			7- 991 STARKE WW.	41775		JF	2- 490 MASER,LASER	28055
	P	5- 440 THERMODYN.	24536			9- 791 STARKE WW.	41700			9-2155 MAGN.EIG.FK	69065
	T	3-1823 FK-SPEKTREN	73300		GC	11- 809 STARKE WW.	41730		P	11-2145 KRIST.FEHL.	66065
		5-1967 KRIST.FEHL.	66025			1-1059 KERNSEKTR.	42540		RM	9-2385 FK-SPEKTREN	73325
		8-1873 FK-SPEKTREN	73310			4-1120 KERNSEKTR.	42560		R	8- 545 HF-TECHNIK	27530
		12-3095 OPT.EIG.FK	73600			7-1081 KERNSEKTR.	42545	MOSES	E	2- 797 STARKE WW.	41730
MA	K	2-2585 DUENNE SCHI	74010			7-1203 KERNREAKTIO	43062			3- 803 STARKE WW.	41730
		5-2711 DUENNE SCHI	74010			7-1228 KERNREAKTIO	43075			6- 812 STARKE WW.	41764
ASU	K	10- 904 STARKE WW.	41725			8-1226 KERNREAKTIO	43064		HE	2- 82 QUANTENTHED	16516
ANE	A	12-2108 KRISTALLE	65518			11-1307 KERNREAKTIO	43064		JL	4- 187 QUANTENTHED	16516
MMI	K	2-1863 MECH.EIG.FK	66553		GH	12-1577 ATOME	52090		RL	10- 362 HYDRODYNAM.	23010
	K	9- 757 ELEMENTART.	41560		HF	10-2859 GEOMAGNET.	90460		RL	11-3153 GRENZFL.FK	74510
	KJ	2- 184 STATISTIK	17530			11-3237 GEOMAGNET.	90460	MOSHER	D	1-1691 PLASMA	57263
		2- 726 ELEMENTART.	41563		J	3-2668 GRENZFL.FK	74530	MOSHINSKY	M	4-1034 KERNSTRUKT.	42000
MSKI	J	7-2149 MAGN.EIG.FK	69030		JA	6-2481 HALBLEITER	71585			7- 999 KERNSTRUKT.	42010
		11-2339 MAGN.EIG.FK	69020			7-1463 MOLEKUELE	52575			8- 48 UNTERRICHT	12025
		11-2382 MAGN.EIG.FK	69030			12-2419 THERMEIG.FK	67510	MOSHKIN	BE	6-1579 GASENTLADG.	57860
IS	M	7-1172 ATOME	52024		JD	6-1335 MOLEKUELE	52580		LN	6-2100 GITTERDYN.	67060
		12- 661 OPT.INSTRUM	28513		JJ	3-2360 HALBLEITER	71510	MOSHKOVA	MN	7- 294 MECHANIK	22038
IT	M	10-1257 KERNREAKTIO	43054		LK	12-1159 KERNSTRUKT.	42040	MOSKALENCO	VA	10-2432 SUPRALEITG.	70520
Y	DCW	5- 579 MASER,LASER	28055		P	7-2927 KOSM.PHYSIK	94540	MOSKALENKO	SA	8-2284 LEITFHGK.FK	70053
W	B	12-2200 KRISTALLE	65584			8-2982 KOSM.PHYSIK	94540			9-2560 OPT.EIG.FK	73610
	G	2-2485 FK-SPEKTREN	73330			8-2985 KOSM.PHYSIK	94540			12-2654 LEITFHGK.FK	70053
		5-2575 FK-SPEKTREN	73325			8-3005 KOSM.PHYSIK	94580		VA	5-2389 SUPRALEITG.	70510
		6-2537 FK-SPEKTREN	73330		R	2- 727 ELEMENTART.	41563			12-2723 SUPRALEITG.	70550
		7-2443 FK-SPEKTREN	73330		RJ	2- 751 ELEMENTART.	41576		VF	2-1484 PLASMA	57010
		7-2533 OPT.EIG.FK	73605			2- 756 ELEMENTART.	41586	MOSKALEV	AN	10-1217 KERNREAKTIO	43042
HA	AK	7-2064 GITTERDYN.	67060			3- 689 KERN-MESSG.	40532		PN	6-2211 FK-SPEKTREN	73355
UMA	K	3- 382 THERMODYN.	24552		SR	4-2377 HALBLEITER	71580		VM	11-1978 KRISTALLE	65518
	T	1- 637 OPT.INSTRUM	28545			6-1733 FLUESSIGK.	58565		VV	4-2192 MAGN.EIG.FK	69065
		2- 577 PHYS.OPTIK	29020	MORRIS	RH	5-1843 DISP.SYST.	59510			12-3111 OPT.EIG.FK	73610
IN	B	5-1921 KRISTALLE	65584		RW	2-2795 IONOSPHERE	91060		YI	1-2868 STRAHL.BIOL	97010
		5-2229 MAGN.EIG.FK	69025	MORRONE	T	5-1538 PLASMA	57015	MOSKALEVA	LP	10-3020 PLANETEN	93640
OV	AI	7-2127 DIELEKTRIKA	68050	MORROW	BA	5-1430 MOLEKUELE	52524	MOSKALYOV	VA	6- 644 BESCHLEUNIG	41040
	YM	2-1022 KERNREAKTIO	43040	MORSE	GE	5-2017 MECH.EIG.FK	66514	MOSKIENKO	NV	6- 413 MASER,LASER	28045
ITZ	H	3-2925 BIOPHYSIK	96000		JG	3-1218 MOLEKUELE	52514	MOSKO	SW	10- 817 BESCHLEUNIG	41040
	EM	2- 682 BESCHLEUNIG	41040		RI	1-1103 KERNSEKTR.	42555	MOSKOVKIN	VM	8-1131 KERNSEKTR.	42545
		12- 904 BESCHLEUNIG	41040		RL	3-1460 PLASMA	57260			10-1031 KERNSTRUKT.	42040
	V	7-1171 KERNREAKTIO	43040			5-1657 PLASMA	57260	MOSKOWITZ	JW	2-1238 MOLEKUELE	52516
	VI	2- 875 STARKE WW.	41762			11-1805 PLASMA	57263			8-1404 MOLEKUELE	52516
		3-1002 KERNREAKTIO	43005	MORSE JR.	FL	11- 546 PHYS.OPTIK	29045		R	5-1798 FLUESSIGK.	58560
		4- 821 KERN-MESSG.	40560	MORSELL	AL	3-1453 PLASMA	57253			10- 477 ELEKTRIZIT.	26030
		4- 962 STARKE WW.	41740			8-1585 PLASMA	57033	MOSKVIN	LN	6- 948 KERNSEKTR.	42550
		8-2778 LUFTHUELLE	90860	MORSHNEV	SK	3-2068 FK-SPEKTREN	73355			6- 949 KERNSEKTR.	42550
		9-2870 PLANETEN	93612			7-2482 FK-SPEKTREN	73355		YL	11-3346 MAGNETOSPH.	91250
Z		7-1125 KERNSEKTR.	42565	MORSY	MW	10-1037 KERNSTRUKT.	42070		PP	6- 230 ELASTIZIT.	22520
AE		6- 858 STARKE WW.	41783		TE	9- 401 THERMODYN.	24530	MOSOLOV		6- 231 ELASTIZIT.	22520
		6-2777 KOSM.STRLG.	90630	MORT	J	2-1820 MECH.EIG.FK	66514		BA	9- 315 HYDRODYNAM.	23040
		6-2792 KOSM.STRLG.	90646	MORT SANDERS	W	12-2245 KRIST.FEHL.	66025	MOSOLOVA		6-1146 KERNSTRHLG.	44020
		11-3247 KOSM.STRLG.	90610	MORTEN	FD	10- 654 OPT.INSTRUM	28553	MOSPANOV	VS	11-2025 KRISTALLE	65572
AI		1-1569 PLASMA	57045	MORTENSEN	OS	7-1435 MOLEKUELE	52540			11-2548 LEITFHGK.FK	70026
		2- 407 TEILCH.OPT.	27010			10-1596 MOLEKUELE	52585		P	1-2723 KOSM.STRLG.	90643
		3-1362 PLASMA	57045	MORTENSON	KE	9-2297 HALBLEITER	71540	MOSRIN	BC	6- 508 PHYS.OPTIK	29010
		3-1451 PLASMA	57270	MORTIMER	MJ	9-1886 KRIST.FEHL.	66060		ER	7-1723 FLUESSIGK.	58540
		3-1953 GITTERDYN.	67060		RQ	12- 308 STATISTIK	17523		GA	6- 952 KERNSEKTR.	42555
		7-2332 HALBLEITER	71530		RW	4- 371 ELASTIZIT.	22530		JS	6- 330 ELEKTRIZIT.	26030
BN	12- 600	MASER,LASER	28040	MORTON	AH	8-1984 KRIST.FEHL.	66062			7-1485 POLYMERE	53510
EN		7-1341 ATOME	52065		AS	6- 251 HYDRODYNAM.	23020		SC	1-1913 MECH.EIG.FK	66514
EP		1-2552 OPT.EIG.FK	73620			9- 295 HYDRODYNAM.	23020		TA	7- 908 STARKE WW.	41725
		3-2436 OPT.EIG.FK	73635		BJ	3-1056 KERNREAKTIO	43054		WD	5-1846 DISP.SYST.	59540
IK		8-2778 LUFTHUELLE	90860			11-1241 KERNREAKTIO	43050	MOSSAHEBI	M	5- 383 WAERME	24050
MG		5-1649 PLASMA	57250		BR	8- 380 HYDRODYNAM.	23020	MOSSER	A	12-1863 PLASMA	57235
VA		1-1405 ATOME	52045								

MOSKOWSKI SA	2- 969	KERNSEKTR.	42555	MOYER RA	9-1065	KERNREAKTIO	43066	MUELLER RM	3-1819	KRIST.FEHL.	6
	11-1000	KERNSTRUKT.	42075	MOYNIHAN CT	10-1841	FLUESSIGK.	58540		5-1986	KRIST.FEHL.	6
	12-1153	KERNSTRUKT.	42020	MOZER FS	3-2841	MAGNETOSPH.	91230		10- 343	MECHANIK	2
MOSZYNSKI JR	1- 331	HYDRODYNAM.	23020		10-2920	IONOSPHERE	91020	RW	4- 840	BESCHLEUNIG	4
M	5-1084	KERNSEKTR.	42565	MOZGOVAYA LA	6-2411	HALBLEITER	71510	VF	4- 863	ELEMENTART.	4
	6- 970	KERNSEKTR.	42560		6-2564	OPT.EIG.FK	73605		6- 659	ELEMENTART.	4
	12-1258	KERNSEKTR.	42560	MOZRZYMAS J	4- 858	ELEMENTART.	41510		12-1060	STARKE WW.	4
MOTAVALLEDI NOBAR Y.					4- 994	STARKE WW.	41760	W	9-1832	KRIST.FEHL.	6
	1-1132	KERNSEKTR.	42565		10- 166	QUANTENTHEO	16516	WE	4-2469	FK-SPEKTREN	7
MOTCHANE JL	1-2121	MAGN.EIG.FK	69030	MOZUMDER A	5-1812	FLUESSIGK.	58565	MUELLER ARENDS D.	2- 36	BUECHER	1
	5-2383	FK-SPEKTREN	73370		6-1316	MOLEKUELE	52575		6- 52	LABORTECHN.	1
MOTECAP P	2- 683	BESCHLEUNIG	41040	MOZZHORIN YD	7-1890	KRIST.FEHL.	66025	MUELLER BUSCHBAUM H.			
MOTEFF J	12-2310	KRIST.FEHL.	66065	MRYGON B	5-1217	KERNSTRHLG.	44010		10-2170	THERMEIG.FK	6
MOTEGI H	1-1963	GITTERDYN.	67020	MUCHENBERG KM	12-2261	KRIST.FEHL.	66030	MUELLER LITZ W	8-2679	GRENZFL.FK	7
MOTHES H	3-1997	THERMEIG.FK	67550	MUCHNIK GF	10-2183	THERMEIG.FK	67520	MUELLER WARMUTH W.			
MOTIZUKI K	11-2785	PHOTOLEITG.	72510	MUCHOW GM	3- 672	KERN-MESSG.	40582		7-1788	FK-PHYSIK	6
	5-1865	KRISTALLE	65540		7- 753	KERN-MESSG.	40518		8-2182	MAGN.EIG.FK	6
	11-2374	MAGN.EIG.FK	69030	MUCKENTHALER F.J.					8-2511	FK-SPEKTREN	7
	12-2541	MAGN.EIG.FK	69025		5-1209	K-REAKTOREN	43540		10-1860	FLUESSIGK.	5
MOTLEY RW	4-1715	PLASMA	57250		8-1270	K-REAKTOREN	43540		12-1979	FLUESSIGK.	5
	6-1521	PLASMA	57096	MUDAR J	1- 638	OPT.INSTRUM	28550	MUENCH G	9-2840	SonnenPHYS.	9
MOTODA H	7-1261	K-REAKTOREN	43520	MUDERSBACH K	11-1112	KERNSEKTR.	42560	MUENCHOW L	4-1041	KERNSTRUKT.	4
MOTOKAWA M	6-2235	MAGN.EIG.FK	69025	MUEHE H	3-2114	MAGN.EIG.FK	69040		7-1059	KERNSEKTR.	4
	9-2503	FK-SPEKTREN	73360	MUEHL F	8- 768	KERN-MESSG.	40530		4-1134	KERNSEKTR.	4
	10-2642	FK-SPEKTREN	73360	MUEHLENPFORDT J.				MUENCK E	3- 665	KERN-MESSG.	4
MOTORNENKO AP	5-1693	GASENTLAGG.	57880		6- 621	KERN-MESSG.	40595	MUENNIC F	4-1077	KERNSEKTR.	4
	6-1585	GASENTLAGG.	57880	MUEHLHAUS L	12- 102	LABORTECHN.	12515	MUENOW KO	9-2711	ERDKOERPER	9
	7-1644	GASENTLAGG.	57880	MUEHLHAUSE C	1- 754	KERN-MESSG.	40584	MUENTER DW	2- 255	HYDRODYNAM.	2
MOTOVILOV OA	1- 629	OPT.INSTRUM	28540	MUEHLSCHLEGEL B.				J	8-1394	MOLEKUELE	5
MOTOYOSHI A	1- 949	STARKE WW.	41760		5-1953	KRIST.FEHL.	66025	JS	1-1482	MOLEKUELE	5
MOTSCHMANN H	1-1707	PLASMA	57033	MUEHLSTROH R	5-2584	FK-SPEKTREN	73330	D	10-2737	OPT.EIG.FK	6
MOTT J	7- 979	STARKE WW.	41764	MUELLER A	4-1428	MOLEKUELE	52510	MUER DE	9-2051	DIELEKTRIKA	6
	10- 990	STARKE WW.	41770		4-1429	MOLEKUELE	52510	MUESER HE	7-1269	KERNSTRHLG.	4
	12-1126	STARKE WW.	41775		5-1373	MOLEKUELE	52510	MUETHER HR	8-1200	KERNREAKTIO	4
MF	2-1529	FLUESSIGK.	58520		5-1374	MOLEKUELE	52510		9-1210	ATOME	5
	12-2670	LEITFHGK.FK	70060		9-1271	MOLEKUELE	52514	MUFTI AR	4-1288	KERNREAKTIO	4
	12-2671	LEITFHGK.FK	70060		10-1335	K-REAKTOREN	43515	MUGA ML	9-2841	SonnenPHYS.	9
MOTT SIR N	3-1607	FK-PHYSIK	65000		10-1509	MOLEKUELE	52514	MUGGLESTONE D	9-2842	SonnenPHYS.	9
	8-2232	LEITFHGK.FK	70020		11- 885	STARKE WW.	41764		6-1061	KERNREAKTIO	4
MOTTA M	10- 742	KERN-MESSG.	40530		11- 886	STARKE WW.	41764	MUGHABGHAR SF	7-2260	SUPRALEITG.	7
	12-1423	K-REAKTOREN	43520		11-1484	MOLEKUELE	52510	MUGIBAYASHI N	2- 381	ELEKTRIZIT.	2
MOTTE JP	10-2542	FK-SPEKTREN	73310		11-1502	MOLEKUELE	52514	MUGNIER D			
MOTTOLSON BR	11-1017	KERNSEKTR.	42515		11-1534	MOLEKUELE	52520	MUGUR SCHAECHTER M.			
	11- 933	KERNSTRUKT.	42000		12-1110	STARKE WW.	41764		11- 90	QUANTENTHEO	1
MOTTONI DE B	4-2834	PLANETEN	93613		12-1622	MOLEKUELE	52536	MUHA GM	10- 544	HF-TECHNIK	2
	10-2989	PLANETEN	93613		12-2917	FK-SPEKTREN	73330	MUHLESTEIN LD	1-2246	LEITFHGK.FK	7
	4- 286	QU.FELDTHEO	17060	AH	2- 135	QUANTENTHEO	16582		2-2413	THERMOELEKT	7
MOTULEVICH GP	9- 122	QUANTENTHEO	16516	CR	3-1185	ATOME	52065	MUILWIJK P	2-2410	HALBLEITER	7
	7-2203	LEITFHGK.FK	70024		5-1320	ATOME	52065		2-2411	HALBLEITER	7
	7-2534	OPT.EIG.FK	73605	D	4- 167	VAKUUM	13030	MUILWYK CA	4- 568	HF-TECHNIK	2
MOTYKA RJ	10-2449	METAL.LEITG	71000		8- 213	QUANTENTHEO	16570	MUIR JA	5-1933	KRISTALLE	6
MOTZ HT	8-2361	METAL.LEITG	71010		9- 894	KERNSTRUKT.	42020	WB	1-2424	THERMOELEKT	7
	10-1120	KERNSEKTR.	42555		8-1876	KRISTALLE	65578		3-2380	HALBLEITER	7
	8-1662	PLASMA	57023		7-2833	SonnenPHYS.	93300		7-2377	THERMOELEKT	7
	11-1773	PLASMA	57093		11-3369	SonnenPHYS.	93322		8-2205	MAGN.EIG.FK	6
MOUELLIC B	3- 678	KERN-MESSG.	40522	EA	7- 472	TEILCH.OPT.	27040	MUIRHEAD H	10- 935	STARKE WW.	4
MOUGEY J	2- 672	BESCHLEUNIG	41020	EE	2- 428	TEILCH.OPT.	27040	MUJICA JD	12- 346	FELDTHEORIE	1
MOUILHAYRAT B	2-1065	KERNREAKTIO	43064	EW	2-2685	GRENZFL.FK	74573	MUKAI K	2-1579	FLUESSIGK.	5
MOULIN MY	2-2578	DUENNE SCHI	74010		3-1689	KRISTALLE	65578	MUKASA K	3-2628	DUENNE SCHI	7
	6-2637	DUENNE SCHI	74010		6- 364	TEILCH.OPT.	27040	MUKERJEE AK	4-2190	MAGN.EIG.FK	6
	2-1447	PLASMA	57279		7-2673	GRENZFL.FK	74573		12-2558	MAGN.EIG.FK	6
MOULSON DJ	6-1711	FLUESSIGK.	58557		7-2676	GRENZFL.FK	74573		1-1085	KERNSEKTR.	4
MOULTON WG	5-2174	FK-SPEKTREN	73370	F	12-3265	GRENZFL.FK	74573		4-1945	KRIST.FEHL.	6
	7-2503	FK-SPEKTREN	73370	FB	6- 835	STARKE WW.	41770		5-1058	KERNSEKTR.	4
MOUMOUNI A	2- 614	PHYS.OPTIK	29073		7-2110	DIELEKTRIKA	68010	MUKHA LY	7-1960	KRIST.FEHL.	6
	2- 615	PHYS.OPTIK	29073		5-2328	LEITFHGK.FK	70024	MUKHACHEVA NS	12-2772	HALBLEITER	7
	4- 479	WAERME	24095	EM	2-1897	GITTERDYN.	67060	MUKHERJEE B	6-2072	GITTERDYN.	6
	8- 651	OPT.INSTRUM	28550	GO	8-2624	OPT.EIG.FK	73650		3-2291	SUPRALEITG.	7
MOUNT GE	7-2972	SEHEN	96618		9-2321	HALBLEITER	71570	DK	10-2610	FK-SPEKTREN	7
MOUNTAIN RD	3- 337	AKUSTIK	25330		11-3180	GRENZFL.FK	74555	K	3-1739	KRIST.FEHL.	6
	5-2119	THERMEIG.FK	67530	H	2-1854	MECH.EIG.FK	66550		7-1852	KRISTALLE	6
MOURAD WG	12-2071	FLUESSIGK.	58573		2-1855	MECH.EIG.FK	66550	MK	9-2315	HALBLEITER	7
	3-1054	KERNREAKTIO	43054		4- 370	ELASTIZIT.	22530	NC	11- 809	STARKE WW.	4
	3-1055	KERNREAKTIO	43054		6- 582	KERN-MESSG.	40527	S	3- 174	QUANTENTHEO	1
MOURADIAN Z	8-2855	SonnenPHYS.	93324		6- 817	STARKE WW.	41764		3- 184	QUANTENTHEO	1
MOURIER G	4-1674	PLASMA	57085	HG	10-2889	LUFTHUELLE	90840		5- 175	QUANTENTHEO	1
	6-1552	PLASMA	57256	HH	8-1108	KERNSEKTR.	42540	SC	11-2527	KERNSTRHLG.	4
	7-1581	PLASMA	57093		9-1054	KERNREAKTIO	43064	SK	7-1332	ATOME	5
MOUSSA A	1-1106	KERNSEKTR.	42555	HJW	2- 107	QUANTENTHEO	16533		2- 964	KERNSEKTR.	4
	5-1071	KERNSEKTR.	42555		2- 766	STARKE WW.	41710	MUKHERJI A	5-1236	ATOME	5
	5-1072	KERNSEKTR.	42555		5- 187	QUANTENTHEO	16582		8-1344	ATOME	5
	6- 989	KERNSEKTR.	42565		11- 868	STARKE WW.	41755	MUKHIBI GS	11-3268	KOSM.STRLG.	9
	12-1250	KERNSEKTR.	42555		12- 227	QUANTENTHEO	16572	MUKHIN AI	4- 836	BESCHLEUNIG	4
	11-1375	KERNSTRHLG.	44030	HM	12- 229	QUANTENTHEO	16572	PA	11-1790	PLASMA	5
	4-1387	ATOME	52060	HP	7- 502	HF-TECHNIK	27540	MUKHITDINOVA I.A.			
MOUSSEAU HRM	6-2065	MECH.EIG.FK	66596	I	7-2553	OPT.EIG.FK	73640		10-1476	ATOME	5
MOUSSELIN LJ	1-1772	FLUESSIGK.	58546		5- 445	THERMODYN.	24552	MUKHOPADHYAY A	4- 363	ELASTIZIT.	2
	1-1791	FLUESSIGK.	58546		10-1814	FLUESSIGK.	58550	P	1- 425	WAERME	2
MOUSSIEGT J	3-2024	DIELEKTRIKA	68050	J	8-1876	KRISTALLE	65578		5-1705	GASE	5
MOUSCIN WL	1- 103	VAKUUM	13030	JA	11-3128	DUENNE SCHI	74050		5-1706	GASE	5
MOUTON CL	8-1125	KERNSEKTR.	42545	K	10- 87	MESSEN	12250		9-1619	GASE	5
	12-1226	KERNSEKTR.	42545		4-1232	KERNREAKTIO	43050	MUKHTAROV CK	1- 539	MASER,LASER	2
MOUZA JC	11- 368	ELEKTRIZIT.	26030		6-1743	FLUESSIGK.	58568	MUKHTASIMOV FN	7-1114	KERNSEKTR.	4
MOYCHAN AA	3-2710	ERDKOERPER	90240		6-2622	DUENNE SCHI	74010		1- 767	ELEMENTART.	4
	10-2842	ERDKOERPER	90240		8-2700	GRENZFL.FK	74540	MUKUNDA N	3- 121	QUANTENTHEO	1
	3-2710	ERDKOERPER	90240		12- 146	VAKUUM	13020		9- 119	QUANTENTHEO	1
	10-2842	ERDKOERPER	90240	KA	12-2966	FK-SPEKTREN	73025	MULAS P	10- 144	QUANTENTHEO	1
	9-2771	LUFTHUELLE	90850	KH	1- 255	FELDTHEORIE	18850		10- 153	QUANTENTHEO	1
	10-2901	LUFTHUELLE	90860	L	2-2632	DUENNE SCHI	74065	MULAY IL	7-1461	MOLEKUELE	5
	10-2463	HALBLEITER	71520	M	4-2431	FK-SPEKTREN	73320	LN	10-2229	MAGN.EIG.FK	6
	11-2669	HALBLEITER	71510		10- 770	BESCHLEUNIG	41010		2-2159	MAGN.EIG.FK	6
MOYCHET J	1- 861	STARKE WW.	41725	MH	10-1314	KERNREAKTIO	43085		5-2292	MAGN.EIG.FK	6
	9- 827	STARKE WW.	41740	N	7-1838	KRISTALLE	65576	MULAZZI E	10-2229	MAGN.EIG.FK	6
MOVESYAN ME	9-1720	FLUESSIGK.	58573	O	2-2175	GRENZFL.FK	74573	MULDARER L	7-2425	FK-SPEKTREN	7
MOVESYAN ME	7-1296	ATOME	52075		7-2871	PLANETEN	93630		8- 72	UNTERRICHT	1
MOWAT JG	12-1097	STARKE WW.	41762	P	3-1720	KRIST.FEHL.	66015		11-2836	FK-SPEKTREN	7
MOWBRAY DE	6- 269	HYDRODYNAM.	23050	PF	8- 660	OPT.INSTRUM	28566	MULDER BJ	5-2537	PHOTOLEITG.	7
MOWER L	8-1307	ATOME	52020	R	7-1186	KERNREAKTIO	43052		10-2720	OPT.EIG.FK	7
MOXON MC	7-1182	KERNREAKTIO	43048	RF	9-1606	GASE	58025		7-1201	KERNREAKTIO	4
	12- 884	KERN-MESSG.	40584	RK	9-2038	THERMEIG.FK	67553	MULDEREW DB	3-2824	IONOSPHERE	9
MOYER BJ	1- 858	STARKE WW.	41725		10- 671	OPT.INSTRUM	28570		2-2792	IONOSPHERE	9
	6-										

DB	7-2792	IONOSPHERE	91072	MURASHOV	MS	4-2365	HALBLEITER	71566	MURTY	SSR	11-1654	PLASMA	57010
RNR	6-1598	GASE	58025	MURASIK	A	6-2268	MAGN.EIG.FK	69050	VR	7-1112	KERNSEKTR.	42560	
JE	6-1599	GASE	58025			8-2201	MAGN.EIG.FK	69060	B	7-1131	KERNSEKTR.	42565	
JR	9-2324	HALBLEITER	71570			9-2131	MAGN.EIG.FK	69050	MURYN	11-745	ELEMENTART.	41574	
JR	8-2094	THERMEIG.FK	67510	MURATA	H	2-1460	PLASMA	57260	MURYSOV	VA	8-1045	STARKE WW.	41770
RF	11-2228	THERMEIG.FK	67510			10-2931	IONOSPHERE	91060	MURZIN	AV	4-1226	KERNREAKTIO	43046
GJ	12-3388	SONNENPHYS.	93312			9-588	OPT.INSTRUM	28570	VS	3-679	KERN-MESSG.	40525	
GJ	2-549	OPT.INSTRUM	28570			7-66	LABORTECHN.	12515		6-2778	KOSM.STRLG.	90630	
JG	5-1896	FK-SPEKTREN	73310			4-2440	FK-SPEKTREN	73325		6-2791	KOSM.STRLG.	90646	
	12-2123	KRISTALLE	65545			9-1069	KERNREAKTIO	43070		11-829	STARKE WW.	41735	
	12-2124	KRISTALLE	65545			9-2384	FK-SPEKTREN	73320	MURZINA	EA	6-2794	KOSM.STRLG.	90646
LO	5-112	VAKUUM	13025			10-2555	FK-SPEKTREN	73320	MUSA	M	12-1612	MOLEKULE	52526
PA	5-765	KERN-MESSG.	40582	MURATOV	IM	10-2499	HALBLEITER	71570	MUSABEKOV	TY	11-2744	HALBLEITER	71566
AW	3-2612	DUENNE SCHI	74010	MURAVEV	II	11-1828	GASENTLADG.	57850	MUSAEV	NI	6-1789	KRISTALLE	65510
BH	3-2048	FK-SPEKTREN	73370	MURAYOV	II	6-1576	GASENTLADG.	57850	PK	9-2274	HALBLEITER	71520	
	12-2024	FLUESSIGK.	58557	MURAY	JJ	4-785	KERN-MESSG.	40512	MUSATOV	AL	12-3196	DUENNE SCHI	74040
ER	4-2033	GITTERDYN.	67060	MURAYAMA	S	12-1910	GASENTLADG.	57880	LS	3-2848	MAGNETOSPH.	91280	
F	3-861	STARKE WW.	41767			1-2717	KOSM.STRLG.	90630	VV	7-339	HYDRODYNAM.	23050	
	5-894	STARKE WW.	41730			10-2947	MAGNETOSPH.	91280	MUSATOVA	GS	12-656	MASER,LASER	28060
	5-896	STARKE WW.	41730			1-1974	GITTERDYN.	67060	MUSCHLITZ	JR.	E.E.		
	5-897	STARKE WW.	41730			3-2264	LEITFHGK.FK	70072		1-1432	ATOME	52085	
	6-836	STARKE WW.	41770			3-2649	DUENNE SCHI	74050		8-1310	ATOME	52020	
	10-1593	MOLEKULE	52580			6-2101	GITTERDYN.	67060	MUSCI	M	2-1660	FK-SPEKTREN	73310
JC	9-1400	POLYMERE	53530	MURCHISON	RK	3-2455	PHOTOLEITG.	72900	MUSETTE	M	12-1015	STARKE WW.	41725
MW	4-2162	MAGN.EIG.FK	69035	MURCRAV	DG	9-2757	LUFTHUELLE	90820	B	8-968	STARKE WW.	41730	
P	5-2884	ASTROPHYSIK	93020			9-2757	LUFTHUELLE	90820	MUSGRAVE		8-1046	STARKE WW.	41773
RS	2-2678	GRENZFL.FK	74570	MURDOCK	EG	3-347	WAERME	24020		12-1056	STARKE WW.	41745	
B	5-1163	KERNREAKTIO	43064			3-348	WAERME	24020	MJP	8-1405	MOLEKULE	52516	
BE	11-3483	HOEREN	96310			10-420	WAERME	24010	AR	9-1084	KERNREAKTIO	43090	
JC	11-336	WAERME	24060			10-421	WAERME	24010	PJ	11-1796	PLASMA	57253	
MJ	11-3483	HOEREN	96310			JF	9-1843	KRIST.FEHL.	66020	MUSGROVE	DE	A.R.L.	
RS	1-1442	MOLEKULE	52510	MURGAI	MP	1-657	PHYS.OPTIK	29000		8-1243	KERNREAKTIO	43090	
	11-1482	MOLEKULE	52510	MURIEL	A	10-3077	KOSM.PHYSIK	94510	MUSGUICH	J	11-1921	FLUESSIGK.	58546
JB	4-2537	DUENNE SCHI	74010			12-305	STATISTIK	17523	MUSHER	JI	1-1333	ATOME	52010
WJ	8-1832	KRISTALLE	65500	MURILIO	R	6-362	TEILCH.OPT.	27030		6-1204	ATOME	52060	
	8-2110	THERMEIG.FK	67553	MURIN	AN	2-2536	OPT.EIG.FK	73625		12-2031	FLUESSIGK.	58557	
	12-2442	THERMEIG.FK	67550			5-1898	FK-SPEKTREN	73310	MUSHTAREEV	OM	2-1987	DIELEKTRIKA	68030
JH	1-829	ELEMENTART.	41574			6-1830	FK-SPEKTREN	73310	MUSIL	J	10-1657	PLASMA	57023
	4-910	ELEMENTART.	41574			8-1938	KRIST.FEHL.	66025		10-1703	PLASMA	57075	
WW	3-2662	GRENZFL.FK	74520			9-1857	KRIST.FEHL.	66025	MUSIN	AK	1-1557	PLASMA	57033
K	11-3464	KOSM.PHYSIK	94583			10-2107	MECH.EIG.FK	66545	MUSHAN	S	8-2854	SONNENPHYS.	93324
P	11-1798	PLASMA	57256			12-1298	KERNSEKTR.	42575		9-287	HYDRODYNAM.	23020	
LG	12-1219	KERNSEKTR.	42545			8-1938	KRIST.FEHL.	66025	MUSSET	P	5-827	ELEMENTART.	41566
RG	8-2295	LEITFHGK.FK	70056			10-2107	MECH.EIG.FK	66545	MUSSO	GF	3-1216	MOLEKULE	52514
VV	11-439	MASER,LASER	28035	MURISOV	VA	10-992	STARKE WW.	41770		6-1315	MOLEKULE	52575	
2-558	OPT.INSTRUM	28570	MURLEY	TE	6-1120	K-REAKTOREN	43515			9-1364	MOLEKULE	52575	
1-2347	HALBLEITER	71570			10-1366	KERNSTRHLG.	44010			9-1365	MOLEKULE	52575	
2-671	BESCHLEUNIG	41010	MURMYLO	BL	2-1416	PLASMA	57070			9-2670	GRENZFL.FK	74530	
4-2323	HALBLEITER	71505	MURNICK	D	1-1179	KERNREAKTIO	43018			7-1447	MOLEKULE	52550	
12-168	MATH.PHYSIK	16020			6-1811	KRISTALLE	65545	MUSTACHI	A	5-1891	FK-SPEKTREN	73310	
3-2379	HALBLEITER	71520			9-1763	KRISTALLE	65545		11-2821	FK-SPEKTREN	73310		
6-2339	LEITFHGK.FK	70065	MUROMKIN	YA	2-1466	PLASMA	57266	MUSTAFINA	RK	8-2595	OPT.EIG.FK	73625	
5-397	WAERME	24050			6-1470	PLASMA	57055	MUSTEL	ER	8-2583	OPT.EIG.FK	73610	
7-1652	GASE	58020	MUROMTSEV	VI	7-2463	FK-SPEKTREN	73355		10-2858	GEOMAGNET.	90440		
9-194	QU.FELDTHEO	17025	MUROOKA	Y	6-1571	GASENTLADG.	57840	MUSTO	R	1-920	STARKE WW.	41755	
10-979	STARKE WW.	41764	MURPHY	CH	1-2757	IONOSPHERE	91060		2-855	STARKE WW.	41755		
11-2373	MAGN.EIG.FK	69030			2-1463	PLASMA	57266	MUSTOV	LS	3-2883	PLANETEN	93640	
8-486	THERMODYN.	24556			EL	12-466	AKUSTIK	23530	MUSZKAT	KA	9-1390	MOLEKULE	52585
6-546	KERN-MESSG.	40503			G	12-1427	K-REAKTOREN	43520	H	3-2601	DUENNE SCHI	74010	
6-1885	KRIST.FEHL.	66025			J	9-2410	FK-SPEKTREN	73325	T	2-169	QU.FELDTHEO	17025	
7-1887	KRIST.FEHL.	66025			JC	7-517	HF-TECHNIK	27560		5-960	STARKE WW.	41762	
9-1839	KRIST.FEHL.	66020			JD	5-899	STARKE WW.	41735		7-183	QU.FELDTHEO	17000	
10-336	MECHANIK	22010			JJ	11-2975	FK-SPEKTREN	73370	MUTABZIJA	R	12-581	HF-TECHNIK	27560
4-574	HF-TECHNIK	27530			JP	10-2833	ERDKOERPER	90235	MUTAFTSCHIEV	B	4-2620	GRENZFL.FK	74535
6-358	TEILCH.OPT.	27016			JS	5-1457	MOLEKULE	52562		7-1793	KRISTALLE	65510	
6-375	HF-TECHNIK	27530			9-1346	MOLEKULE	52562	MUTH	P	4-514	ELEKTRIZIT.	26016	
7-2970	SEHEN	96610			3-862	STARKE WW.	41767	MUTH JR.	S	8-447	WAERME	24026	
5-1918	KRISTALLE	65582			10-891	STARKE WW.	41725	MUTHUKRISHNAN	G.				
6-1423	PLASMA	57030			9-1023	KERNREAKTIO	43044		6-553	KERN-MESSG.	40512		
8-2108	THERMEIG.FK	67530			9-1024	KERNREAKTIO	43044		5-1043	KERNSEKTR.	42540		
10-2173	THERMEIG.FK	67510			3-2216	LEITFHGK.FK	70035		11-1004	KERNSTRUKT.	42075		
11-1651	PLASMA	57010			6-1297	MOLEKULE	52540		11-1317	KERNREAKTIO	43070		
5-19	TAGUNGEN	10525	MURPHY JR.	HM	6-956	KERNSEKTR.	42555	MUTO	K	10-2633	FK-SPEKTREN	73355	
11-2865	FK-SPEKTREN	73325	MURR	LE	9-1883	KRIST.FEHL.	66040		Y	2-2295	SUPRALEITG.	70550	
5-756	KERN-MESSG.	40570			9-2622	DUENNE SCHI	74010		12-863	KERN-MESSG.	40584		
8-2601	OPT.EIG.FK	73630			11-2120	KRIST.FEHL.	66040	MUTSCHKE	H	12-2643	DIELEKTRIKA	68020	
10-1889	FLUESSIGK.	58573			2-2849	PLANETEN	93640	MUTSUD	N	7-788	KERNREAKTIO	43024	
1-2252	LEITFHGK.FK	70076			11-2369	MAGN.EIG.FK	69030	MURINEN	M	5-2126	THERMEIG.FK	67550	
2-2126	MAGN.EIG.FK	69045			12-1206	KERNSEKTR.	42540	MUZINICH	IJ	10-867	ELEMENTART.	41572	
5-2674	OPT.EIG.FK	73620			3-961	KERNSEKTR.	42560		12-1040	STARKE WW.	41740		
11-2421	MAGN.EIG.FK	69045			3-980	KERNSEKTR.	42565	MUZIOL	G	11-1119	KERNSEKTR.	42560	
6-507	PHYS.OPTIK	29010			5-1057	KERNSEKTR.	42550	MUZYCHKA	YA	4-1285	KERNREAKTIO	43090	
6-2280	MAGN.EIG.FK	69065			5-1070	KERNSEKTR.	42555	MUZYCHUK	AM	8-2697	GRENZFL.FK	74535	
11-1871	GASE	58020			JJ	10-874	ELEMENTART.	41574	MUZYCKA	YA	4-1291	KERNREAKTIO	43092
7-1908	KRIST.FEHL.	66035			LA	11-1965	KRISTALLE	65510	MYAKUSHKO	LE	2-676	BESCHLEUNIG	41030
7-1913	KRIST.FEHL.	66035			RJ	11-2028	KRISTALLE	65574	MYASISHCHEV	G.B.			
8-1962	KRIST.FEHL.	66035			RT	4-550	TEILCH.OPT.	27016		4-894	ELEMENTART.	41550	
7-802	KERN-MESSG.	40570			9-1153	KERNSTRHLG.	44030	MYASNIKOV	EN	2-2447	OPT.EIG.FK	73605	
3-376	THERMODYN.	24533			TE	11-2438	MAGN.EIG.FK	69050		4-2269	LEITFHGK.FK	70053	
2-692	ELEMENTART.	41510			TP	1-416	WAERME	24030		6-2319	LEITFHGK.FK	70053	
8-962	STARKE WW.	41725			CB	10-2827	GRENZFL.FK	74576	IA	2-2672	GRENZFL.FK	74535	
12-261	QUANTENTHEO	16585			11-420	HF-TECHNIK	27540	LL	9-2159	MAGN.EIG.FK	69070		
6-1391	POLYMERE	53542	MURRELL	JN	8-1405	MOLEKULE	52516	VP	6-230	ELASTIZIT.	22520		
1-279	FELDTHEORIE	18042			9-1283	MOLEKULE	52514		6-231	ELASTIZIT.	22520		
12-1320	KERNREAKTIO	43022			11-1487	MOLEKULE	52510	MYATT	G	12-1016	STARKE WW.	41725	
3-655	PHYS.OPTIK	29080	MURRI	RL	6-998	KERNSEKTR.	42570		12-1017	STARKE WW.	41725		
2-2401	HALBLEITER	71570			5-62	MESSEN	12250	MYERS	BF	6-1353	MOLEKULE	52575	
3-84	LABORTECHN.	12580	MURTAZA	G	4-888	ELEMENTART.	41546		HP	8-2664	DUENNE SCHI	74060	
10-2817	GRENZFL.FK	74555			7-899	STARKE WW.	41710		3-657	PHYS.OPTIK	29083		
3-1660	FK-SPEKTREN	73310	MURTAZIN	SF	5-2182	FK-SPEKTREN	73370		4-2498	OPT.EIG.FK	73605		
3-1679	KRISTALLE	65588	MURTHY	JS	12-2000	FLUESSIGK.	58543	RA	5-553	MASER,LASER	28040		
5-2127	THERMEIG.FK	67550			KBS	6-553	KERN-MESSG.	40512		5-578	MASER,LASER	28055	
6-2131	THERMEIG.FK	67553			KS	11-2040	KRISTALLE	65584	TW	7-436	ELEKTRIZIT.	26040	
9-2040	THERMEIG.FK	67553			NSS	7-2134	MAGN.EIG.FK	69010	YW	1-754	KERN-MESSG.	40584	
2-1176	ATOME	52027			PVR	3-2775	KOSM.STRLG.	90640		3-1922	GITTERDYN		

MYSHKIN - NAKANO

MYSHKIN	VG	1- 673	PHYS.OPTIK	29030	NAGAO	N	8-1248	KERNREAKTIO	43092	NAKAGAWA	H	12-2895	FK-SPEKTREN	7	
		10- 689	PHYS.OPTIK	29030		S	3-1338	PLASMA	57070		I	5-2589	FK-SPEKTREN	7	
MYSHKINA	NV	11-2164	MECH.EIG.FK	66500			3-1415	PLASMA	57085		K	2- 161	QU.FELDTHEO	7	
MYSHLYAEV	MM	5-2047	MECH.EIG.FK	66545			10-1717	PLASMA	57085		M	12- 579	HF-TECHNIK	7	
		8-1969	KRIST.FEHL.	66035	NAGAOKA	Y	6-2363	SUPRALEITG.	70510			2- 843	STARKE WW.	7	
MYSKAYA	KA	5-2789	GRENZFL.FK	74576			10-2407	LEITFHGK.FK	70074			6-2602	OPT.EIG.FK	7	
MYSYROWICZ	A	3-2491	FK-SPEKTREN	73325	NAGARAJAN	A	3-2124	MAGN.EIG.FK	69040			8-2478	FK-SPEKTREN	7	
		4-2512	FK-SPEKTREN	73325		G	12-1594	MOLEKUELE	52514			11- 715	ELEMENTART.	7	
		5-2573	FK-SPEKTREN	73325			12-1622	MOLEKUELE	52536			11- 718	ELEMENTART.	7	
		6-2527	FK-SPEKTREN	73330		MA	6-1009	KERNREAKTIO	43005			11- 879	STARKE WW.	7	
		6-2599	OPT.EIG.FK	73625			10-1219	KERNREAKTIO	43044			12-2891	FK-SPEKTREN	7	
		11-2567	LEITFHGK.FK	70053			11- 987	KERNSTRUKT.	42070		T	2- 677	BESCHLEUNIG	7	
						R	3-2029	FK-SPEKTREN	73345			5-1167	KERNREAKTIO	7	
						S	1-1617	PLASMA	57060			8-2156	MAGN.EIG.FK	7	
					NAGASAKA	K	2-2492	FK-SPEKTREN	73330			10-1627	POLYMERE	7	
							3-2461	PHOTOLEITG.	72510			10-2108	MECH.EIG.FK	7	
					NAGASAKI	M	4- 966	STARKE WW.	41740			12-2578	MAGN.EIG.FK	7	
					NAGASAWA	H	3-2123	MAGN.EIG.FK	69040		Y	3-1746	KRIST.FEHL.	7	
							5-2217	MAGN.EIG.FK	69000			5- 634	OPT.INSTRUM	7	
NABARA	A	3-1597	FLUESSIGK.	58570			5-2284	MAGN.EIG.FK	69060			8-1675	PLASMA	7	
NABARRO	FRN	5-1977	KRIST.FEHL.	66035			5-2333	LEITFHGK.FK	70024			8-2660	DUEENNE SCHI	7	
		5-2532	PHOTOLEITG.	72510			11-2502	MAGN.EIG.FK	69065			10- 391	HYDRODYNAM.	7	
		5-2533	PHOTOLEITG.	72510			8-2640	DUEENNE SCHI	74010			12-1779	PLASMA	7	
NABELEK	B	2- 622	PHYS.OPTIK	29076		K	10-2584	FK-SPEKTREN	73325			12-2579	MAGN.EIG.FK	7	
NABER	CT	3- 109	VAKUUM	13050		N	12-2895	FK-SPEKTREN	73325		NAKAHARA	J	1-2216	LEITFHGK.FK	7
NABEREZHNYKH	V.P.	2-2298	METAL.LEITG	71000			9-1562	PLASMA	57260			M	11- 428	HF-TECHNIK	7
		2-2495	FK-SPEKTREN	73335		I	11- 372	ELEKTRIZIT.	20600			O	9-1858	KRIST.FEHL.	7
NABERUKHIN	YI	1-1401	ATOME	52045		K	10-2870	KOSM.STRLG.	90636			S	5- 414	WAERME	7
		7-1324	ATOME	52045		T	1-2149	MAGN.EIG.FK	69060		NAKAI	A	9- 682	BESCHLEUNIG	7
		12-1693	MOLEKUELE	52575			5-2430	SUPRALEITG.	70550			J	6-2668	DUEENNE SCHI	7
NABICHVRISHVILI	D.S.	4-1025	STARKE WW.	41783		Y	10- 899	STARKE WW.	41725			K	1-1053	KERNSPEKTR.	7
	VA	11-1139	KERNSPEKTR.	42565	NAGATA	F	5-1232	KERNSTRHLG.	44033		MY	1- 736	KERN-MESSG.	7	
NABITOVICH	ID	12-2181	KRISTALLE	65574		K	1-2096	FK-SPEKTREN	73360		S	1-1532	PLASMA	7	
NABLO	SV	8-2008	KRIST.FEHL.	66073			12-2926	FK-SPEKTREN	73330			10-1686	PLASMA	7	
		10- 778	BESCHLEUNIG	41010		KI	5-2740	DUEENNE SCHI	74060		Y	2-2454	FK-SPEKTREN	7	
NABOIKIN	YV	3- 511	MASER,LASER	28045		S	1-2216	LEITFHGK.FK	70056			4-2444	FK-SPEKTREN	7	
		7- 552	MASER,LASER	28045			3-2625	DUEENNE SCHI	74020			6- 608	KERN-MESSG.	7	
		8- 639	OPT.INSTRUM	28540			7-1030	KERNSTRUKT.	42070			8-2608	OPT.EIG.FK	7	
		11- 449	MASER,LASER	28045			8-1113	KERNSPEKTR.	42540			9-2384	FK-SPEKTREN	7	
		11-3026	OPT.EIG.FK	73635			11-2577	LEITFHGK.FK	70056			10-2555	FK-SPEKTREN	7	
		12-3127	OPT.EIG.FK	73635	NAGATANI	K	2-1079	KERNREAKTIO	43080			10-2584	FK-SPEKTREN	7	
NABOIKINA	EN	5-2745	DUEENNE SCHI	74065	NAGEL	B	10- 224	QUANTENTHEO	16580			12-2738	METAL.LEITG	7	
NABOIKON	YV	5- 539	MASER,LASER	28030		CM	9- 469	HF-TECHNIK	27530			12-2895	FK-SPEKTREN	7	
NABOKA	MN	11-1968	KRISTALLE	65510		F	8- 145	VAKUUM	13016		NAKAJIMA	A	8-1525	POLYMERE	7
NABRUTT	KI	1-1824	FK-SPEKTREN	73315		JG	4- 186	QUANTENTHEO	16516		H	1-1509	MOLEKUELE	7	
		1-2447	FK-SPEKTREN	73315		O	5-2756	GRENZFL.FK	74535		S	5-2116	THERMEIG.FK	7	
NABUTOVSKAYA	O.A.	9-1929	MECH.EIG.FK	66518	NAGELBERG	ER	9- 469	HF-TECHNIK	27530			7-2285	SUPRALEITG.	7	
		9-1944	MECH.EIG.FK	66550			10- 533	HF-TECHNIK	27530			12- 863	KERN-MESSG.	7	
NABUTOVSKII	VM	8-2260	LEITFHGK.FK	70024	NAGELS	P	2-1875	THERMEIG.FK	67510		T	3-2365	HALBLEITER	7	
		12-2761	HALBLEITER	71520	NAGESWARA	RAO	B.D.	1-2041	FK-SPEKTREN	73345			6- 560	KERN-MESSG.	7
NACHAMKIN	J	7-1024	KERNSTRUKT.	42070	NAGGIAR	V	5- 771	KERN-MESSG.	40584			8-1267	K-REAKTOREN	7	
NACHAVARIANI	S.K.	11-3261	KOSM.STRLG.	90640	NAGHDI	PM	1- 316	ELASTIZIT.	22520		Y	11-3047	OPT.EIG.FK	7	
NACHMAN	M	12-1850	GASENTLADG.	57860			4- 365	ELASTIZIT.	22520			5-1167	KERNREAKTIO	7	
NACHMIAS	J	7-2968	SEHEN	96614	NAGIBAROV	VR	12- 403	ELASTIZIT.	22530			7- 788	KERNREAKTIO	7	
NACHTIGALL	D	5- 788	BESCHLEUNIG	41095			5- 261	FELDTHEORIE	18045		NAKAKUKI	A	10-1121	KERNSPEKTR.	7
		8- 808	KERN-MESSG.	40584			6-2095	GITTERDYN.	67060		NAKAMURA	A	11-1623	POLYMERE	7
	E	11-1910	FLUESSIGK.	58540			8- 315	STATISTIK	17566			2-2048	FK-SPEKTREN	7	
NACHTMANN	O	1- 201	QU.FELDTHEO	17010	NAGIBOROV	VR	12- 359	FELDTHEORIE	18045		E	2-2026	FK-SPEKTREN	7	
		4-2896	KOSM.PHYSIK	94583	NAGIRNER	DI	7-2894	STERNE	94025			5-2145	DIELEKTRIKA	7	
		12- 342	FELDTHEORIE	18040	NAGLE	DE	1- 762	BESCHLEUNIG	41030		H	2-1059	KERNREAKTIO	7	
NACHTRIEB	NH	8-1775	FLUESSIGK.	58546			5- 785	BESCHLEUNIG	41030			2-1079	KERNREAKTIO	7	
		8-1777	FLUESSIGK.	58546			9- 716	BESCHLEUNIG	41040			6-1097	KERNREAKTIO	7	
NAD	FY	3-2464	PHOTOLEITG.	72510	NAGORNAYA	LL	1-2568	OPT.EIG.FK	73650			10-1269	KERNREAKTIO	7	
NADEAU	JS	6-1948	KRIST.FEHL.	66035	NAGORNYI	VY	1-2451	FK-SPEKTREN	73315			11-1328	KERNREAKTIO	7	
NADELHAFT	I	1- 966	STARKE WW.	41783			10-2550	FK-SPEKTREN	73315			12-1558	ATOME	7	
NADEZHJIN	VS	10- 931	STARKE WW.	41740	NAGORSKAYA	IA	12- 975	ELEMENTART.	41578		I	9- 309	HYDRODYNAM.	7	
NADEZHIN	DK	9-3001	KOSM.PHYSIK	94570	NAGORSKY	PM	9-2755	LUFTHUELLE	90815		K	1-2243	LEITFHGK.FK	7	
NADGORNYYI	EM	8-1956	KRIST.FEHL.	66035	NAGOVITSYN	VN	3-2677	GRENZFL.FK	74535			2-2454	FK-SPEKTREN	7	
NADIRASHVILI	Z.S.	8-1747	FLUESSIGK.	58527	NAGY	B	12-3409	PLANETEN	93630			3-2485	FK-SPEKTREN	7	
		6- 898	KERNSTRUKT.	42075		E	4- 996	STARKE WW.	41762			6-1399	POLYMERE	7	
NADJAKOV	E	10- 191	QUANTENTHEO	16530			7-1847	KRISTALLE	65588		M	10- 254	QU.FELDTHEO	7	
		10- 192	QUANTENTHEO	16530			10-1998	KRISTALLE	65588			3- 694	KERN-MESSG.	7	
		10-1912	KRISTALLE	65516		I	10-1998	KRISTALLE	65588			5-2559	FK-SPEKTREN	7	
		11- 568	KERNPHYSIK	40000	NAGYLAKI	T	2- 846	STARKE WW.	41753			7- 599	OPT.INSTRUM	7	
NADKARMI	GS	12-1897	GASENTLADG.	57840	NAHM	CW	4-1276	KERNREAKTIO	43080			7-1407	MOLEKUELE	7	
NADKARMI	DM	10-1320	KERNREAKTIO	43092	NAHON	F	1- 111	MATH.PHYSIK	16020			8- 822	BESCHLEUNIG	7	
NAEPFEL	H	7- 119	MATH.PHYSIK	16000			1- 289	MECHANIK	22010			9- 446	ELEKTRODYN.	7	
		10-1021	KERNSTRUKT.	42020			5- 309	HYDRODYNAM.	23020			9- 470	HF-TECHNIK	7	
NAFISI MOYAGHAR	J.	5-1844	POLYMERE	53525	NAHUM	J	1-2465	FK-SPEKTREN	73325			12- 797	KERN-MESSG.	7	
		3-2221	SUPRALEITG.	70520	NAIDEN	EP	10- 534	HF-TECHNIK	27530		N	10-2668	FK-SPEKTREN	7	
NAO	A	6-2679	DUEENNE SCHI	74060	NAIDENOV	M	11-1786	PLASMA	57210		S	11-2985	FK-SPEKTREN	7	
	BD	2-2337	HALBLEITER	71520	NAIDITCH	S	6-1219	ATOME	52075			1-1647	PLASMA	7	
	BR	7-2086	THERMEIG.FK	67520	NAIDU	P	4-2695	GEOMAGNET.	90460			2- 692	ELEMENTART.	7	
		1-2311	HALBLEITER	71520		PR	5-1741	FLUESSIGK.	58540			2-2674	GRENZFL.FK	7	
		2-2505	OPT.EIG.FK	73610		PS	2-2693	GEOPHYSIK	90000			4- 560	TEILCH.OPT.	7	
		5-2455	HALBLEITER	71520			4- 546	TEILCH.OPT.	27013			6-2644	DUEENNE SCHI	7	
		7-2328	HALBLEITER	71530		SVN	7-2094	THERMEIG.FK	67530			7- 478	TEILCH.OPT.	7	
		10-2477	HALBLEITER	71540			11-2040	KRISTALLE	65584			7-2659	GRENZFL.FK	7	
NAGAEV	EL	5-2350	LEITFHGK.FK	70035	NAIMAN	CS	5- 557	MASER,LASER	28045		T	2-1695	KRISTALLE	7	
		9-2114	MAGN.EIG.FK	69035			9-2409	FK-SPEKTREN	73325			3-1775	KRIST.FEHL.	7	
		10-2185	THERMEIG.FK	67520	NAIR	KD	8-2056	MECH.EIG.FK	66545			3-1777	KRIST.FEHL.	7	
		12-2575	MAGN.EIG.FK	69060		KG	10-1098	KERNSPEKTR.	42545			7- 767	KERN-MESSG.	7	
NAGAI	F	8-1265	K-REAKTOREN	43520		KPR	4-1450	MOLEKUELE	52512			11- 751	ELEMENTART.	7	
		9- 59	LABORTECHN.	12515		SCK	1- 832	ELEMENTART.	41574			11-2892	FK-SPEKTREN	7	
		5- 958	STARKE WW.	41760			6- 908	KERNSPEKTR.	42515			12- 970	ELEMENTART.	7	
		12-3163	DUEENNE SCHI	74010			10-1084	KERNSTRUKT.	42545		Y	3-1660	FK-SPEKTREN	7	
	I	9-1006	KERNREAKTIO	43020		SHK	3-1820	KRIST.FEHL.	66065			3-2157	MAGN.EIG.FK	7	
	K	8-1538	POLYMERE	53546	NAITO	K	3-1994	THERMEIG.FK	67550			4-2171	MAGN.EIG.FK	7	
		9-1288	MOLEKUELE	52516			8-2766	LUFTHUELLE	90840			9-2384	FK-SPEKTREN	7	
		9-1563	PLASMA	57260			8-2767	LUFTHUELLE	908						

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R	12-3151	OPT.EIG.FK	73655	NAQVI	MA	1- 993	KERNSTRUKT.	42050	NATALE	GG	10-2149	GITTERDYN.	67060
T	1-2346	HALBLEITER	71530		SIH	4-1230	KERNREAKTIO	43048	NATALIS	P	12-1937	GASE	58060
	2-1621	KRISTALLE	65518	NARA	H	1-2386	HALBLEITER	71563	NATARAJAN	NS	3-1980	THERMEIG.FK	67520
	3-1391	PLASMA	57060			4-1868	KRISTALLE	65545			6-2111	THERMEIG.FK	67510
	3-2363	HALBLEITER	71510	NARAHARA	Y	8-1749	FLUESSIGK.	58527		R	2-2718	GEOMAGNET.	90440
	3-2588	OPT.EIG.FK	73645	NARAIN	P	2- 275	HYDRODYNAM.	23020		S	1- 132	QUANTENTHEO	16516
	4-2361	HALBLEITER	71566	NARANAN	S	5-2950	KOSM.PHYSIK	94530	MATELSON	M	8-1255	K-REAKTOREN	43515
	5-2665	OPT.EIG.FK	73645			7-2932	KOSM.PHYSIK	94540			10-1342	K-REAKTOREN	43515
	7- 193	QU.FELDTHEO	70101			12-3441	STERNE	94050			11-1351	K-REAKTOREN	43510
	9-1488	PLASMA	57060	NARANG	VP	10-2194	THERMEIG.FK	67550	NATH	A	2-1798	KRIST.FEHL.	66065
Y	3-1470	GASENTLADG.	57820	NARAOKA	K	3-2468	PHOTOLEITG.	72510			5-1960	KRIST.FEHL.	66025
	5-1666	PLASMA	57270	NARASIMHAM	AV	7-1685	FLUESSIGK.	58540		G	9-1889	KRIST.FEHL.	66065
MA	12-1845	PLASMA	57203		KV	3-2511	FK-SPEKTREN	73325	LM	6- 770	STARKE WW.	41725	
S	3-2617	DUEENNE SCHI	74010		NA	3-2500	FK-SPEKTREN	73325	N	3- 423	TEILCH.OPT.	27068	
	5-2725	DUEENNE SCHI	74040		VS	5-2950	KOSM.PHYSIK	94530			8-1150	KERNSPEKTR.	42560
K	1-2191	LEITFHGK.FK	70028	NARASIMHAMURTY	T.S.				P	4- 923	ELEMENTART.	41580	
	12-2639	LEITFHGK.FK	70028			5- 281	ELASTIZIT.	22510		5- 792	ELEMENTART.	41510	
Y	6-2603	OPT.EIG.FK	73640	NARASIMHAN	KSV	5-2464	HALBLEITER	71530		6- 832	STARKE WW.	41770	
IMA	9-1411	POLYMERE	53540			5-2517	THERMOELEKT	72010		10- 893	STARKE WW.	41725	
LI	6- 431	MASER,LASER	28055			11-2485	MAGN.EIG.FK	69060		12-1111	STARKE WW.	41764	
NNI	11- 251	MECHANIK	22036		PT	6-1276	MOLEKUELE	52516	NATHAN	MI	1-2371	HALBLEITER	71540
UKA	9- 536	MASER,LASER	28055	NARATH	A	1-2049	FK-SPEKTREN	73370			3-2401	HALBLEITER	71540
UKASA	1-2656	GRENZFL.FK	74555			2-2011	FK-SPEKTREN	73370			4-1999	MECH.EIG.FK	66556
M	9-1858	KRIST.FEHL.	66025			5-2159	FK-SPEKTREN	73370	O	4-1268	KERNREAKTIO	43070	
T	3-1541	FLUESSIGK.	58520			5-2160	FK-SPEKTREN	73370		6-1090	KERNREAKTIO	43070	
C	4- 407	HYDRODYNAM.	23020			8-2551	FK-SPEKTREN	73370		7-1220	KERNREAKTIO	43068	
	11- 301	HYDRODYNAM.	23030			11-2944	FK-SPEKTREN	73370		8-1233	KERNREAKTIO	43080	
S	2-1812	KRIST.FEHL.	66079	NARAY	Z	11-2963	FK-SPEKTREN	73370		9-1067	KERNREAKTIO	43070	
	8-2350	SUPRALEITG.	70550	NARAYAN	DS	5-2782	GRENZFL.FK	74570		10-1295	KERNREAKTIO	43070	
	11-2631	SUPRALEITG.	70520			6- 791	STARKE WW.	41745		11-1111	KERNSPEKTR.	42560	
MA	4- 626	MASER,LASER	28045			7- 967	STARKE WW.	41755		12-1376	KERNREAKTIO	43070	
A	7-2957	BIOPHYSIK	96040	NARAYANA	PA	11- 773	STARKE WW.	41710	R	7- 491	TEILCH.OPT.	27068	
H	11-1123	KERNSPEKTR.	42560	NARAYANAN	MAB	10-2575	FK-SPEKTREN	73325		8- 532	TEILCH.OPT.	27050	
K	4- 154	VAKUUM	13013			11- 289	HYDRODYNAM.	23020	NATHANS	R	3- 859	STARKE WW.	41767
	4- 161	VAKUUM	13022		PS	8-2480	FK-SPEKTREN	73325			4-2183	MAGN.EIG.FK	69060
	4-2609	GRENZFL.FK	74520	NARAYANASWAMI	P.					5-2068	GITTERDYN.	67020	
	10- 117	VAKUUM	13013			8- 906	ELEMENTART.	41574		6-2087	GITTERDYN.	67040	
M	9-2188	LEITFHGK.FK	70053	NARAYANASWAMY	P.					10-2275	MAGN.EIG.FK	69030	
PI	9- 311	HYDRODYNAM.	23040			9- 201	QU.FELDTHEO	17030		10-2277	MAGN.EIG.FK	69030	
S	8-2156	MAGN.EIG.FK	69010	NARCHAL	ML	8- 565	MASER,LASER	28020		11-2320	MAGN.EIG.FK	69010	
T	7-1505	PLASMA	57017	NARDELLI	GC	3-1045	KERNREAKTIO	43052		11-2412	MAGN.EIG.FK	69040	
Y	1-1129	KERNSPEKTR.	42565		GF	3-1905	GITTERDYN.	67010	NATOLI	C	12-2545	MAGN.EIG.FK	69030
WA	8-1750	FLUESSIGK.	58530			11-1888	FLUESSIGK.	58520	NATORI	M	12-2146	KRISTALLE	65545
WNO	6-1395	POLYMERE	53544			12-2330	MECH.EIG.FK	66514	NATTA	M	7-2245	LEITFHGK.FK	70072
MMI	11- 498	OPT.INSTRUM	28530	NARDI	E	12-1400	KERNREAKTIO	43090			12- 547	TEILCH.OPT.	27016
W	6-2271	MAGN.EIG.FK	69050			12-1406	KERNREAKTIO	43092	NAU	H	2- 567	PHYS.OPTIK	29010
	5-1233	KERNSTRHLG.	44035	NARDUCCI	V	3- 372	THERMODYN.	24530	NAUDE	WJ	7-1250	KERNREAKTIO	43095
HOVSKAYA	L.A.				LM	4- 214	QUANTENTHEO	16533			12- 883	KERN-MESSG.	40584
	9-2382	FK-SPEKTREN	73320	NARGUNDKAR	VR	7-1257	K-REAKTOREN	43515			12-1368	KERNREAKTIO	43064
	12-2874	FK-SPEKTREN	73320			8-1277	KERNSTRHLG.	44010	NAUDIN	F	6-2537	FK-SPEKTREN	73330
ANSON	RS	7-2368	HALBLEITER	NARIAI	H	6-2983	KOSM.PHYSIK	94570			9-1666	FLUESSIGK.	58530
		9-2668	GRENZFL.FK			6-2984	KOSM.PHYSIK	94570	NAUE	G	6- 304	WAERNE	24060
OKIN	NG	2-1018	KERNSTRHLG.		K	9-2917	STERNE	94020	NAUENBERG	M	2- 713	ELEMENTART.	41546
		2-2627	DUEENNE SCHI	NARIBOLI	GA	5-1596	PLASMA	57080			3- 721	ELEMENTART.	41510
BANDI	MM	7-2774	IONOSPHAERE	NARINSKII	GB	1- 439	THERMODYN.	24520		U	1- 804	ELEMENTART.	41546
DGLU	J	11- 997	KERNSTRUKT.	NARITA	K	1-2060	FK-SPEKTREN	73370			4- 957	STARKE WW.	41740
	O	5-1164	KERNREAKTIO			1-2564	OPT.EIG.FK	73640			12-1124	STARKE WW.	41773
Z	M	8- 493	ELEKTTRIZIT.		M	12- 723	PHYS.OPTIK	29010	NAUGLE	DG	1-1757	FLUESSIGK.	58540
	RA	11-3261	KOSM.STRLG.			3-2461	PHOTOLEITG.	72510			5-2410	SUPRALEITG.	70530
SB		3-2276	SUPRALEITG.		SI	2-2492	FK-SPEKTREN	73330	NAUGOLNYKH	KA	8- 418	AKUSTIK	23520
	S	4-1860	KRISTALLE		T	10- 881	ELEMENTART.	41586			8-1700	GASENTLADG.	57870
		3-1989	THERMEIG.FK	NARLIKAR	J	11- 759	ELEMENTART.	41580			9- 342	HYDRODYNAM.	23070
AR	KB	6-2643	DUEENNE SCHI		JV	11-3446	KOSM.PHYSIK	94550	NAUMANN	AW	5-2079	GITTERDYN.	67040
		1-1260	KERNREAKTIO			3- 272	FELDTHEORIE	18060	F	2-1208	ATOME	52065	
		3- 102	VAKUUM			6-2987	KOSM.PHYSIK	94580			4-1405	ATOME	52065
	Y	3-2656	DUEENNE SCHI	NARODETSKY	IM	10-3087	KOSM.PHYSIK	94530		H	4- 698	OPT.INSTRUM	28595
		1- 163	QUANTENTHEO			10- 977	STARKE WW.	41762		HR	4- 698	OPT.INSTRUM	28595
		1- 916	STARKE WW.	NARODZHNYY	NB	11- 712	ELEMENTART.	41546			11-1125	KERNSPEKTR.	42565
		3- 137	QUANTENTHEO	NARTEN	AH	9- 142	QUANTENTHEO	16530	RA	3- 972	KERNSPEKTR.	42565	
		8- 199	QUANTENTHEO			4-1759	FLUESSIGK.	58520			4-1139	KERNSPEKTR.	42565
		8- 850	ELEMENTART.			8-1730	FLUESSIGK.	58520			7-1099	KERNSPEKTR.	42555
		11- 121	QUANTENTHEO	NARVOR LE	A	6-2541	FK-SPEKTREN	73330			7-1106	KERNSPEKTR.	42560
		11- 674	ELEMENTART.	NAS	H	4- 709	PHYS.OPTIK	29015			7-1107	KERNSPEKTR.	42560
SSON	AI	1-1096	KERNSPEKTR.	NASCIMENTO	IC	3- 954	KERNSPEKTR.	42555			10-1135	KERNSPEKTR.	42560
		3- 968	KERNSPEKTR.			8-1158	KERNSPEKTR.	42560			10-1319	KERNREAKTIO	43092
BI	M	1- 962	STARKE WW.	NASCUTIU T		8-1170	KERNSPEKTR.	42565			12-1287	KERNSPEKTR.	42570
		4- 918	ELEMENTART.	NASEKOVSKII AP		7- 379	WAERNE	24023	NAUMESCU	M	10-2489	HALBLEITER	71566
		5- 847	ELEMENTART.	NASEKOVSKY AP		4-2055	THERMEIG.FK	67530	NAUMOV	AA	12- 954	ELEMENTART.	41563
		6- 862	STARKE WW.			10-2188	THERMEIG.FK	67530	AI	8- 879	ELEMENTART.	41546	
KA	T	7- 623	OPT.INSTRUM	NASH	AE	8- 757	KERN-MESSG.	40518			11- 169	QU.FELDTHEO	17060
		7- 624	OPT.INSTRUM			11-3503	STRAHL.BIOL	97010			12- 909	ELEMENTART.	41510
		7- 625	OPT.INSTRUM		FR	1- 544	MASER,LASER	28030	AN	1-1865	KRIST.FEHL.	66010	
OKOV	KK	6-1565	GASENTLADG.		WF	10-2871	KOSM.STRLG.	90640	AP	4- 769	PHYS.OPTIK	29063	
DI	H	11- 699	ELEMENTART.	NASHALOV	AI	10-2873	KOSM.STRLG.	90640	GP	4-2520	OPT.EIG.FK	73645	
ULOWSKI	JM	2- 778	STARKE WW.			10-2874	KOSM.STRLG.	90640			11-2796	PHOTOLEITG.	72510
		3- 157	QUANTENTHEO	NASIR	HM	10-2294	MAGN.EIG.FK	69040	YV	9- 974	KERNSPEKTR.	42560	
ATI	RP	1-2407	HALBLEITER	NASIROV	YM	6- 980	KERNSPEKTR.	42565	NAUMOVA	TM	4-1509	MOLEKUELE	52528
	K	3-2906	KOSM.PHYSIK	NASLEDV	DN	9-2304	THERMOELEKT	72010	NAUMOVETS	AG	5-2769	GRENZFL.FK	74535
		8-2966	KOSM.PHYSIK			1-2304	HALBLEITER	71570	NAVALKAR	MP	1-1311	KERNSTRHLG.	44010
		12-3450	KOSM.PHYSIK			1-2575	OPT.EIG.FK	73645			8-1278	KERNSTRHLG.	44010
	C	8-1844	KRISTALLE			2-2307	HALBLEITER	71510			10-1351	K-REAKTOREN	43515
	K	11-3206	GRENZFL.FK	NASONOV	VS	3-2386	HALBLEITER	71520			10-1369	KERNSTRHLG.	44010
	HP	1-1888	KRIST.FEHL.			3-2413	HALBLEITER	71550			10-1370	KERNSTRHLG.	44010
	M	7- 490	TEILCH.OPT.	NASROV	Y	5-2653	OPT.EIG.FK	73645			12-1327	KERNREAKTIO	43040
Y	CA	7-2055	GITTERDYN.			6-2612	OPT.EIG.FK	73645	NAVARRIA	FL	1- 958	STARKE WW.	41764
		7-2250	LEITFHGK.FK			8-2434	PHOTOLEITG.	72510	NAVARRIO	L	3- 144	QUANTENTHEO	16533
MI	R	6-2470	HALBLEITER			9-2272	HALBLEITER	71520		VCA	8-1020	STARKE WW.	41760
ASHVILI	D.T.					9-2562	OPT.EIG.FK	73610	NAVELET	H	3- 177	QUANTENTHEO	16578
		2-2344	HALBLEITER	NASROV	VS	9-2566	OPT.EIG.FK	73610			10- 219	QUANTENTHEO	16578
	M	2-2599	DUEENNE SCHI	NASROVA	LI	3-1234	MOLEKUELE	52538			10- 219	QUANTENTHEO	16578
		3-2646	DUEENNE SCHI	NASRALLAH	NF	1-1825	KRISTALLE	65545	NAVEZ	J	4-2904	KOSM.PHYSIK	94583
TOVICH	AP	12-3438	STERNE			8- 853	ELEMENTART.	41540			10-3119	KOSM.PHYSIK	94583
	BA	12-3244	GRENZFL.FK	NASSAU	K	6-2530	FK-SPEKTREN	73330	NAVINSEK	B	3-1855	KRIST.FEHL.	66079
	C	11- 632	KERN-MESSG.	NASSENSTEIN	H	10- 664	OPT.INSTRUM	28570			7-2585	DUEENNE SCHI	74010
	DI	10-1204	KERNREAKTIO			10- 668	OPT.INSTRUM	28570			11-2154	KRIST.FEHL.	66076
		11-1204	KERNREAKTIO	NASTOYASHCHII	A.F.					A	1		

NAYLOR	KA	4-1736	GASENTLADG.	57860	NELSON	CA	10- 947	STARKE WW.	41753	NESS	NF	12-3422	PLANETEN	1	
NAZARCHUK	AT	12-3228	GRENZFL.FK	74520		DF	4- 567	HF-TECHNIK	27530	NESSIN	M	1-1223	KERNREAKTIO	1	
NAZARENKO	VA	1-1126	KERNSEKTR.	42565			12- 587	MASER, LASER	28030	NESTE VAN	L	3- 906	KERNSEKTR.	1	
NAZAROV	AS	12-2457	THERMIEIG.FK	67556			12- 615	MASER, LASER	28050			3- 979	KERNSEKTR.	1	
NAZAROVA	HP	9-1937	MECH.EIG.FK	66545		ED	1- 623	OPT.INSTRUM	28530	NESTERENKO	BA	8-2422	HALBLEITER	1	
	TN	3-2882	PLANETEN	93640			9-2438	FK-SPEKTREN	73330		VI	6-1863	KRISTALLE	1	
	TS	12-3172	DUENNE SCHI	74010		FA	12- 575	HF-TECHNIK	27560			10-2219	DIELEKTRIKA	1	
NAZARYAN	AA	7- 791	KERN-MESSG.	40550		GC	6- 976	KERNSEKTR.	42565	NESTEROV	BY	11-1225	KERNREAKTIO	1	
		7- 798	KERN-MESSG.	40560		GJ	3-2830	IONOSPHERE	91072		VE	3-2741	KOSM.STRLG.	1	
						H	10-2916	IONOSPHERE	91020			3-2742	KOSM.STRLG.	1	
NAZIMOVA	NA	7-1406	MOLEKUELE	52524			10- 587	MASER, LASER	28050			3-2743	KOSM.STRLG.	1	
NDAAALIO	GA	4-1535	PLASMA	57010			12-3128	OPT.EIG.FK	73640			6-1070	KERNREAKTIO	1	
NEAL	HA	1- 953	STARKE WW.	41764		HM	8-2061	MECH.EIG.FK	66553		VG	7-1239	KERNREAKTIO	1	
		5- 904	STARKE WW.	41740			12-2366	MECH.EIG.FK	66553			10-1318	KERNREAKTIO	1	
		5- 973	STARKE WW.	41764		JA	9-2679	GRENZFL.FK	74535		YV	7-2826	ASTROPHYSIK	1	
	J	8-2521	FK-SPEKTREN	73355		LS	12- 648	MASER, LASER	28060	NESTEROVA	NM	6-2796	KOSM.STRLG.	1	
	LG	5-1192	K-REAKTOREN	43510		LY	8-1427	MOLEKUELE	52536		NN	1-2496	FK-SPEKTREN	1	
	T	12-2730	METAL.LEITG	71010		M	12-2809	HALBLEITER	71570			5-1883	KRISTALLE	1	
NEALY	CL	7-1116	KERNSEKTR.	42565		RC	2-2424	PHOTOLEITG.	72500	NESTOR JR.	CW	4-1416	ATOME	1	
NEARY	GJ	10-3141	STRAHL.BIOL	97000			9-2344	PHOTOLEITG.	72500			6-1623	FLUESSIGK.	1	
NEAT	KP	3-2780	KOSM.STRLG.	90646		RE	2- 515	OPT.INSTRUM	28530			11- 950	KERNSTRUKT.	1	
NEBEL	H	5-1116	KERNREAKTIO	43018		RL	2-2669	GRENZFL.FK	74535			11-2530	LEITFHGK.FK	1	
NEBENZAHL	I	5-1182	KERNREAKTIO	43092		RS	8-1922	KRIST.FEHL.	66010			12-1459	ATOME	1	
NECHAEVA	VV	3-1566	FLUESSIGK.	58530			11-2139	KRIST.FEHL.	66065	NESTOROV	AA	12-2746	HALBLEITER	1	
NECHIN	YA	6-2784	KOSM.STRLG.	90640			11-2159	KRIST.FEHL.	66079		G	11-3298	IONOSPHERE	1	
		6-2787	KOSM.STRLG.	90640			12-2237	KRIST.FEHL.	66025	NETESOVA	NP	3-1891	MECH.EIG.FK	1	
		11-3267	KOSM.STRLG.	90646			12-2309	KRIST.FEHL.	66065	NETHERY	SJ	12-1926	GASE	1	
		11-3268	KOSM.STRLG.	90646		TJ	2- 83	QUANTENTHEO	16516	NETTER	H	12- 900	BESCHLEUNIG	1	
NECHUSHKIN	AM	4-1583	POLYMERE	53544			7- 954	STARKE WW.	41753	NETTLES	PH	1-1049	KERNSEKTR.	1	
NECHYOLOD	NK	7-1993	MECH.EIG.FK	66516			12- 431	HYDRODYNAM.	23030			11-1033	KERNSEKTR.	1	
NECKEL	A	4-1849	KRISTALLE	65530		NELSON JR.	4-1439	MOLEKUELE	52510	NETTLESHIP	R	3- 682	KERN-MESSG.	1	
NEDA	A	3-1978	THERMIEIG.FK	67520			5- 629	OPT.INSTRUM	28545	NETTLETON	RE	2-1978	DIELEKTRIKA	1	
NEDDER	G	2-1434	PLASMA	57020		NEMARICH	10-2025	KRIST.FEHL.	66025			2-1996	DIELEKTRIKA	1	
NEDLEC	O	5-1301	ATOME	52065		NEMAT NASSER S	10- 351	ELASTIZIT.	22520			3-2015	DIELEKTRIKA	1	
NEDELKO	AA	10- 77	UNTERRICHT	12055		NEMBACH	7-2273	SUPRALEITG.	70530			7-2118	DIELEKTRIKA	1	
		10-2295	MAGN.EIG.FK	69040		NEMCHENKO	10-2511	PHOTOLEITG.	72500			9-2056	DIELEKTRIKA	1	
NEDLIN	GM	8-2171	MAGN.EIG.FK	69020			AM	11-2700	HALBLEITER	71530	NEU	H	6- 39	BUECHER	1
		9-2144	MAGN.EIG.FK	69060		NEMCHENOK	11-3191	GRENZFL.FK	74566	NEUBAUER	I	6-1966	KRISTALLE	1	
		11-2427	MAGN.EIG.FK	69045		NEMCHINOV	3-2385	HALBLEITER	71520	NEUBERT	TJ	7-2369	HALBLEITER	1	
		11-2970	FK-SPEKTREN	73370			2-2415	THERMOELEKT	72000			11-2098	KRIST.FEHL.	1	
NEDOREZOV	SS	11-2531	LEITFHGK.FK	70010		NEMEC	10-1289	KERNREAKTIO	43064		W	4-2315	METAL.LEITG	1	
NEDOSEEV	SL	9-1570	PLASMA	57266		NEMETS	12-1374	KERNREAKTIO	43064			10-1123	KERNSEKTR.	1	
NEDOSTUP	VI	2- 355	THERMODYN.	24530			7- 807	KERN-MESSG.	40580	NEUBUESER	J	2-1663	KRISTALLE	1	
NEDUMOV	NA	9-2035	THERMIEIG.FK	67550			8- 801	KERN-MESSG.	40580	NEUDACHIN	VG	2- 925	KERNSTRUKT.	1	
NEDYALKOV	IP	10- 132	MATH.PHYSIK	16020		NEMETZ	4-1247	KERNREAKTIO	43054	NEUENHAHN	P	8-1087	KERNSTRUKT.	1	
NEE	TW	5-2353	LEITFHGK.FK	70045		NEMILOV	2-1954	THERMIEIG.FK	67556	NEUFERT	H	11-1360	K-REAKTOREN	1	
		12-2644	LEITFHGK.FK	70045			4-1168	KERNSEKTR.	42575	NEUFELD	PD	11- 51	LABORTECHN.	1	
NEECE	G	9-1637	FLUESSIGK.	58520			5-1166	KERNREAKTIO	43066			12- 154	VAKUUM	1	
	GA	9-2020	THERMIEIG.FK	67540			8-1229	KERNREAKTIO	43064	NEUGEBAUER	G	7- 267	FELDTHEORIE	1	
NEEDHAM	J	1-2695	GEOMAGNET.	90430			9-1062	KERNREAKTIO	43064			9-2840	SONNENPHYS.	1	
NEEL	L	2- 433	TEILCH.OPT.	27040			10-1331	KERNREAKTIO	43092			10-3071	KOSM.PHYSIK	1	
		4-2590	DUENNE SCHI	74050			11-1080	KERNSEKTR.	42550			12-3421	PLANETEN	1	
		11-3134	DUENNE SCHI	74050			11-1313	KERNREAKTIO	43066		M	9- 11	BIOGRAPHIEN	1	
NEELAND	JK	4- 619	MASER, LASER	28045			12-1230	KERNSEKTR.	42545	NEUHAUSER	H	11-2129	KRIST.FEHL.	1	
		6- 397	MASER, LASER	28040			12-1373	KERNREAKTIO	43064	NEUHAUS	A	6-2889	PLANETEN	1	
NEELEY	VI	1-1876	KRIST.FEHL.	66030		NEMIROVSKII VV	12-2445	THERMIEIG.FK	67550	NEUHAUSER	J	3-1651	FK-SPEKTREN	1	
NEELY	HH	9-1898	KRIST.FEHL.	66076		NEMIROVSKY PE	2- 951	KERNSEKTR.	42540			3-1652	FK-SPEKTREN	1	
		10-2074	KRIST.FEHL.	66076			8-1084	KERNSTRUKT.	42070	NEUMANN	DB	2- 546	OPT.INSTRUM	1	
NEEMAN	Y	1- 841	STARKE WW.	41700			9- 952	KERNSEKTR.	42545			12- 700	OPT.INSTRUM	1	
		1- 900	STARKE WW.	41753		NEMIS	10-1027	KERNSTRUKT.	42020		E	9-2385	FK-SPEKTREN	1	
		2- 34	BUECHER	11020		NEMISH	8-2380	HALBLEITER	71520		EG	3- 38	BUECHER	1	
		7- 964	STARKE WW.	41755			7-2325	HALBLEITER	71520			7- 432	ELEKTRIZIT.	1	
		9-2999	KOSM.PHYSIK	94565		NEMNONOV	1-2452	FK-SPEKTREN	73315			7- 433	ELEKTRIZIT.	1	
		11- 870	STARKE WW.	41755			1-2456	FK-SPEKTREN	73315		G	7-2216	LEITFHGK.FK	1	
NEEPER	DA	5- 86	LABORTECHN.	12530			9-2212	SUPRALEITG.	70540		GM	2-2174	KRIST.FEHL.	1	
NEF	C	1- 953	STARKE WW.	41764		NEMOSHKALENKO	1-2173	LEITFHGK.FK	70022			7-1868	KRIST.FEHL.	1	
		5- 973	STARKE WW.	41764			1-2177	LEITFHGK.FK	70024		H	5- 984	STARKE WW.	1	
NEFEDEVA	L	7-1171	KERNREAKTIO	43040			1-2451	FK-SPEKTREN	73315			8-2388	HALBLEITER	1	
NEFEDYEV	OK	4- 821	KERN-MESSG.	40560			10-2550	FK-SPEKTREN	73315		J	8- 643	OPT.INSTRUM	1	
NEFF	N	1-1113	KERNSEKTR.	42560			11-2829	FK-SPEKTREN	73315		JP	9-1909	MECH.EIG.FK	1	
		4-1098	KERNSEKTR.	42545		NEMOTO	1-2346	HALBLEITER	71530		KK	2- 14	TAGUNGEN	1	
		7-1098	KERNSEKTR.	42555		NENOV	6- 996	KERNSEKTR.	42565		W	4-1735	GASENTLADG.	1	
NEFFLEN	KF	9- 523	MASER, LASER	28055			11- 568	KERNPHYSIK	40000			5-1685	GASENTLADG.	1	
NEFKENS	MY	1- 802	ELEMENTART.	41546		NENOW	4-2600	GRENZFL.FK	74500			7-1382	MOLEKUELE	1	
NEFYODOV	YK	3- 455	HF-TECHNIK	27530			5-1861	KRISTALLE	65530			11-1681	PLASMA	1	
NEGAMI	S	11-1627	POLYMERE	53542		NENTWICH	6-1777	KRISTALLE	65510	NEUMANN MAHLKAU		11-3214	GEOPHYSIK	1	
NEGASHEV	SA	12-2758	HALBLEITER	71520		NEPOMNYASHCHAYA	6-2627	DUENNE SCHI	74010			11-3214	GEOPHYSIK	1	
NEGJI	JG	10-2834	ERDKOERPER	90235			12-2493	DIELEKTRIKA	68030	NEUNHOEFER	H	12-3275	ERDKOERPER	1	
NEGISHI	K	3-1581	FLUESSIGK.	58543			6-2799	LUFTHUELLE	90820	NEUPERT	WM	4-2823	SONNENPHYS.	1	
NEGRA DELLA	M	3- 779	STARKE WW.	41710			2- 302	AKUSTIK	23520			8-2864	SONNENPHYS.	1	
NEGRI	P	2- 789	STARKE WW.	41725			9-2495	FK-SPEKTREN	73355	NEURINGER	JL	12-1793	PLASMA	1	
		10- 904	STARKE WW.	41725			9- 388	WAERME	24060		LJ	1-2166	LEITFHGK.FK	1	
NEHRKORN	O	4- 7	BIOGRAPHIEN	10213			7-1815	KRISTALLE	65545			1-2506	FK-SPEKTREN	1	
NEIDA VON	AR	10-2328	MAGN.EIG.FK	69070			3-2155	MAGN.EIG.FK	69050	NEUROTH	N	4- 763	PHYS.OPTIK	1	
NEIDHARDT	WJ	5- 46	UNTERRICHT	12025			6- 914	KERNSEKTR.	42535			12-1967	FLUESSIGK.	1	
NEIGHBOR	JE	8-2203	MAGN.EIG.FK	69060			12-1200	KERNSEKTR.	42540	NEUSCHUETZ	D	5-1810	FLUESSIGK.	1	
NEIGHBOURS	JK	7-1975	MECH.EIG.FK	66514			3-1662	KRISTALLE	65560	NEUSHTADT	PE	11-1850	GASE	1	
NEIL	VR	3-1387	PLASMA	57055			4-1513	FK-SPEKTREN	73325	NEUSS	H	7-2711	GEOMAGNET.	1	
		9- 720	BESCHLEUNIG	41040			8-2598	OPT.EIG.FK	73625	NEUSTADT	RJ	8-1896	KRISTALLE	1	
NEILL	JM	1-1304	KERNSTRHLG.	44010			4-1790	FLUESSIGK.	58540	NEUSTADTER	HE	4-1597	PLASMA	1	
NEILO	GN	1-2083	FK-SPEKTREN	73355			1-1376	ATOME	52030	NEUSTRUEY	VB	4-1922	KRIST.FEHL.	1	
NEILSON	GC	3- 956	KERNSEKTR.	42560			1-2536	OPT.EIG.FK	73605			9-1863	KRIST.FEHL.	1	
		10-1283	KERNREAKTIO	43064			3-1201	MOLEKUELE	52512	NEUSTUPNY	E	1-2696	GEOMAGNET.	1	
		11-1306	KERNREAKTIO	43064			8-1295	ATOME	52010	NEUWIRTH	W	1-1016	KERNSEKTR.	1	
	GF	3- 672	KERN-MESSG.	40582		NESBITT	12- 170	MATH.PHYSIK	16020	NEVE DE MEYERGNIES	H	11-1155	KERNSEKTR.	1	
		7- 753	KERN-MESSG.	40518			12-1587	MOLEKUELE	52512			6-2006	KRIST.FEHL.	1	
	RGT	6- 465	OPT.INSTRUM	28540			1-2625	MECH.EIG.FK	66553	NEVEROV	VV	6-179	STATISTIK	1	
NEIMAN	IS	6- 408	MASER, LASER	28045			9- 359	WAERME	24020	NEVEU	J				

MEWEY - MIKITIN

CWA	10-2086	MECH.EIG.FK	66518	NIBLETT	GBF	11-1801	PLASMA	57260	NIEMEIJER	T	2-2075	MAGN.EIG.FK	69020			
HW	11-2066	KRISTALLE	65578	NICHIPOROVICH	G.A.				NIEMELAE	L	1-2057	FK-SPEKTREN	73370			
JB	2-1676	KRISTALLE	65572			12-	145	VAKUUM	13016		3-2042	FK-SPEKTREN	73370			
LL	10-2941	MAGNETOSPH.	91226	NICHIPOROV	B	5-	976	STARKE WW.	41764		8-2512	FK-SPEKTREN	73355			
MR JR. G	2-2749	LUFTHUELLE	90815	NICHKOV	W	6-	2899	PLANETEN	93630	NIEMEYER JR.	G.L.	1-	741	KERN-MESSG.	40560	
	8-2865	SONNENPHYS.	93328		IF	9-	2031	THERMEIG.FK	67550	NIENHUIS	O	12-	1726	PLASMA	57010	
BA	8-1515	POLYMERE	53535			9-	2032	THERMEIG.FK	67550	NIERENBERG	WA	3-	986	KERN-SPEKTR.	42570	
DJ	8-1857	KRISTALLE	65545			9-	2033	THERMEIG.FK	67550	NIESSEN	AK	2-	2289	SUPRALEITG.	70520	
	11-2004	KRISTALLE	65545	NICHOL	AW	6-	1828	FK-SPEKTREN	73310	NIESSNER	H	4-	2287	SUPRALEITG.	70520	
DS	9-1626	FLUESSIGK.	50510	NICHOLAS	DJ	10-	1418	ATOME	52040	NIETO	MM	6-	1020	KERNREAKTIO	43012	
E	1-1245	KERNREAKTIO	43064		JF	9-	1915	MECH.EIG.FK	66514			7-	958	STARKE WW.	41755	
	5-1097	KERN-SPEKTR.	42570			9-	2664	GRENZFL.FK	74520			9-	746	ELEMENTART.	41546	
	9-1058	KERNREAKTIO	43064			12-	2111	KRISTALLE	65530			9-	748	ELEMENTART.	41546	
	10-1282	KERNREAKTIO	43064			3-	2574	OPT.EIG.FK	73640			10-	2425	SUPRALEITG.	70520	
	10-1290	KERNREAKTIO	43080			12-	2880	FK-SPEKTREN	73325			11-	89	QUANTENTHEO	16523	
	11-1291	KERNREAKTIO	43060	NICHOLLS	BW	10-	2820	GRENZFL.FK	74570	NIEUWENHUIZEN	J.M.					
	11-1312	KERNREAKTIO	43066		D	2-	369	THERMODYN.	24554		1-	745	KERN-MESSG.	40570		
ET	9-	104	MATH.PHYSIK	16020		JA	12-	461	HYDRODYNAM.	23095	NIEUWENHUYZEN	H.				
	10-	317	FELDTHEORIE	18042		RW	2-	1454	PLASMA	57256		9-	600	PHYS.OPTIK	29020	
J	7-	320	HYDRODYNAM.	23020			3-	1253	MOLEKUELE	52560	NIEUWLAND VAN	J.M.				
JB	6-2519	FK-SPEKTREN	73325				5-	1435	MOLEKUELE	52524		6-	2329	LEITFHGK.FK	70056	
PH	7-1485	POLYMERE	53510	NICHOLS	DB	10-	1218	KERNREAKTIO	43044			7-	2595	OPT.EIG.FK	73640	
R	3-	804	STARKE WW.	41730	NICHOLSON	JL	3-	80	LABORTECHN.	12570	NIEWIADOMSKI	T	1-	2578	OPT.EIG.FK	73655
	7-	980	STARKE WW.	41764		ME	12-	2734	METAL.LEITG	71010						
	7-	981	STARKE WW.	41764		PJ	12-	1109	STARKE WW.	41764						
RC	4-2870	KOSH.PHYSIK	94520		RB	11-	2183	MECH.EIG.FK	66545			1-	1118	KERN-SPEKTR.	42560	
	6-2577	OPT.EIG.FK	73605			12-	2272	KRIST.FEHL.	66035	NIEWIADOMSKI	MC					
RW	1-	512	TEILCH.OPT.	27035			3-	889	KERNSTRUKT.	42050						
	2-1689	KRISTALLE	65578	NICKEL	BG	3-	889	KERNSTRUKT.	42050			1-	1142	KERN-SPEKTR.	42565	
	3-	414	TEILCH.OPT.	27040		H	10-	1755	GASENTLADG.	57810			3-	977	KERN-SPEKTR.	42565
	4-	559	TEILCH.OPT.	27040	NICKL	J	4-	1846	KRISTALLE	65518			7-	1231	KERNREAKTIO	43080
S	11-1624	POLYMERE	53542	NICKLE	HH	2-	674	BESCHLEUNIG	41020			10-	1307	KERNREAKTIO	43080	
WS	5-2842	IONOSPHERE	10140			3-	2183	LEITFHGK.FK	70020			11-	1326	KERNREAKTIO	43080	
RA	3-1586	FLUESSIGK.	58557			7-	199	QU.FELDTHEO	17020			12-	886	KERN-MESSG.	40595	
DMT	12-2419	THERMEIG.FK	67510			7-	707	PHYS.OPTIK	29060	NIFENECKER	H					
ME JR. RW	4-1086	KERN-SPEKTR.	42535	NICKLOW	RM	8-	2071	GITTERDYN.	67020			5-	1142	KERNREAKTIO	43046	
W	8-1551	PLASMA	57010			12-	2389	GITTERDYN.	67020			6-	1052	KERNREAKTIO	43044	
MC	12-1488	ATOME	52020	NICKS	OW	10-	2988	PLANETEN	93613			10-	1225	KERNREAKTIO	43044	
AA	6-1554	PLASMA	57260	NICODEMI	F	8-	906	ELEMENTART.	41074			10-	1324	KERNREAKTIO	43092	
AS	9-1227	ATOME	52070	NICOL	AW	10-	1952	KRISTALLE	65560			11-	1090	KERN-SPEKTR.	42555	
D	6-	688	ELEMENTART.	41546		H	9-	1420	POLYMERE	53546	NIFOROPULOS	JG				
G	5-	101	VAKUUM	13016		WS	9-	2640	DUEENNE SCHI	74040			10-	791	BESCHLEUNIG	41074
JO	5-1178	KERNREAKTIO	43085	NICOLAI	E	2-	669	BESCHLEUNIG	41000	NIGAM	AM					
	7-1123	KERN-SPEKTR.	42565	NICOLAS	J	3-	1765	KRIST.FEHL.	66025			4-	2423	FK-SPEKTREN	73315	
	8-1228	KERNREAKTIO	43064			4-	2147	MAGN.EIG.FK	69020			5-	1257	ATOME	52022	
	12-1294	KERN-SPEKTR.	42575	NICOLESU	B	3-	819	STARKE WW.	41745			5-	1258	ATOME	52022	
RC	2-1856	MECH.EIG.FK	66550			9-	187	QU.FELDTHEO	17020			10-	1403	ATOME	52022	
RG	1-	178	QUANTENTHEO	16570	NICOLET	MA	12-	2812	HALBLEITER	71570			12-	1499	ATOME	52022
	5-	253	FELDTHEORIE	18030		WE	5-	1333	ATOME	52075			12-	1500	ATOME	52022
	7-	161	QUANTENTHEO	16553	NICOLETTA	CA	9-	672	KERN-MESSG.	40565			1-	261	FELDTHEORIE	18020
	10-	232	QUANTENTHEO	16585	NICOLIS	G	4-	1758	FLUESSIGK.	58520			5-	32	BUECHER	101010
S	4-	566	HF-TECHNIK	27500			5-	446	THERMODYN.	24554			10-	1068	KERN-SPEKTR.	42540
TD	4-	844	BESCHLEUNIG	41020			11-	1921	FLUESSIGK.	58546	NIGARA	Y				
EP	10-2904	LUFTHUELLE	90870				3-	630	PHYS.OPTIK	29043			12-	3102	OPT.EIG.FK	73605
J	1-1393	ATOME	52030			JS	9-	618	PHYS.OPTIK	29050	NIGAYEKAR	AS				
	12-1209	KERN-SPEKTR.	42545	NICOLL	WB	10-	396	HYDRODYNAM.	23070			3-	2480	FK-SPEKTREN	73315	
RH	10-1578	MOLEKUELE	52575	NICOLLIAN	EH	11-	2748	HALBLEITER	71570			12-	2865	FK-SPEKTREN	73315	
MY	5-1644	PLASMA	57235				11-	2765	HALBLEITER	71580			3-	1344	PLASMA	57010
	6-1469	PLASMA	57055	NICOLOVA	R	7-	2658	GRENZFL.FK	74535			9-	1453	PLASMA	57033	
	11-1723	PLASMA	57055	NICOUD	JC	5-	1993	KRIST.FEHL.	66065			4-	821	KERN-MESSG.	40560	
CH	11-2831	FK-SPEKTREN	73315			TA	10-	2049	KRIST.FEHL.	66062	NIGHAM	WL				
EW	7-2909	KOSH.PHYSIK	94510				2-	380	ELEKTIZIT.	26030			3-	374	THERMODYN.	24530
SH	3-	996	KERNSTRUKT.	42010	NICULA	A	11-	2013	KRISTALLE	65545			3-	74	LABORTECHN.	12530
WK	3-	501	MASER,LASER	28045			12-	2979	FK-SPEKTREN	73355			2-	745	ELEMENTART.	41574
KL	6-2364	SUPRALEITG.	70520				3-	1978	THERMEIG.FK	67520			12-	968	ELEMENTART.	41574
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PB	4-	604	HF-TECHNIK	27560			11-	1857	GASE	58025			7-	626	OPT.INSTRUM	28530
WH	6-	97	QUANTENTHEO	16516			11-	2013	KRISTALLE	65545			2-	1470	PLASMA	57020
KHIU TI	12-1899	GASENTLADG.	57850				12-	2979	FK-SPEKTREN	73355	NIMI	H				
VAN HEU	11-	80	ELEMENTART.	41510			3-	122	QUANTENTHEO	16516			8-	384	HYDRODYNAM.	23020
VAN TRONG							8-	182	QUANTENTHEO	16516			9-	2628	DUEENNE SCHI	74010
	9-2312	HALBLEITER	71585				11-	880	STARKE WW.	41760			11-	3072	DUEENNE SCHI	74010
WU CHJY	12-	910	ELEMENTART.	41510	NIEDRIG	H	3-	2597	DUEENNE SCHI	74020			12-	3163	DUEENNE SCHI	74010
DH	6-1148	KERNSTRHLG.	44030				6-	1845	KRISTALLE	65574	NIGBOER	BRA				
BA CUONG	6-2813	LUFTHUELLE	90890	NIEDZIALEK	B	6-	248	HYDRODYNAM.	23020			10-	504	ELEKTRODYN.	26595	
HOE	3-1157	ATOME	52045				2-	2709	ERDKOERPER	90295			2-	84	QUANTENTHEO	16516
KHAC U	5-	827	ELEMENTART.	41566	NIEF	G	10-	599	MASER,LASER	28055	NIKANDOROV	SP				
LONG DEM	10-1273	KERNREAKTIO	43056				11-	1614	POLYMERE	53535			2-	1830	MECH.EIG.FK	66514
NGOC H	2-	756	ELEMENTART.	41586	NIEGISH	WD	1-	787	ELEMENTART.	41540			3-	1871	MECH.EIG.FK	66514
NGOC CHAU	3-	689	KERN-MESSG.	40532	NIEH	HT	1-	952	STARKE WW.	41764			9-	1923	MECH.EIG.FK	66514
NGOC TRAN	12-	707	OPT.INSTRUM	28570			5-	969	STARKE WW.	41764			10-	932	STARKE WW.	41740
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	7-1524	PLASMA	57040				7-	946	STARKE WW.	41753			7-	626	OPT.INSTRUM	28530
THUC DIEM	11-	842	STARKE WW.	41740			8-	847	ELEMENTART.	41540			8-	1472	MOLEKUELE	52575
TRIEU DONG	9-	298	HYDRODYNAM.	23020			9-	180	QU.FELDTHEO	17015			6-	2525	FK-SPEKTREN	73325
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	8-	971	STARKE WW.	41730			12-	907	ELEMENTART.	41510			1-	2176	LEITFHGK.FK	70024
	11-	780	STARKE WW.	41720	NIEHRS	H	1-	514	TEILCH.OPT.	27040			12-	1716	DIELEKTRIKA	68020
	12-	240	QUANTENTHEO	16575	NIEKISCH	EA	6-	39	BUECHER	11020			11-	332	WUERME	24030
VAN SEN	10-1285	KERNREAKTIO	43064				4-	395	HYDRODYNAM.	23020			2-	2464	FK-SPEKTREN	73325
VAN THANH	12-1372	KERNREAKTIO	43064				5-	1031	KERN-SPEKTR.	42515	NIKITENKO	VI				
	5-1411	MOLEKUELE	52538				6-	827	STARKE WW.	41767			9-	1880	KRIST.FEHL.	66035
	7-1429	MOLEKUELE	52538				12-	2974	FK-SPEKTREN	73355	NIKITICHEV	PI				
							12-	1617	MOLEKUELE	52534						

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	DI	12-1504	ATOME	52024	NIOLLET	M	2-372	THERMODYN.	24556		C	9-1959	GITTERDYN.	67
	OI	7-621	OPT.INSTRUM	28530	NIQUET	H	11-3201	GRENZFL.FK	74570		FW	6-2046	MECH.EIG.FK	66
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		2-2634	DUENNE SCHI	74065	NISAR	T	3-821	STARKE WW.	41745			3-999	KERNREAKTIO	43
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		5-2321	LEITFHGK.FK	70035			12-2446	THERMEIG.FK	67553	NOBLE JR.	WP	1-1937	MECH.EIG.FK	66
		5-2364	LEITFHGK.FK	70053			1-2602	DUENNE SCHI	74010	NOBEL	ML	2-1968	DIELEKTRIKA	68
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		5-2626	OPT.EIG.FK	73610		I	2-1940	THERMEIG.FK	67550			12-1848	PLASMA	57
		5-2674	OPT.EIG.FK	73620			4-1889	KRISTALLE	65580	NOE	LJ	10-1941	KRISTALLE	65
		6-2527	FK-SPEKTREN	73330		J	7-2672	GRENZFL.FK	74573	NOEL	JP	8-1986	KRIST.FEHL.	66
		11-2567	LEITFHGK.FK	70053		M	6-2975	KOSM.PHYSIK	94560		TM	2-2754	LUFTHUELLE	90
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		8-2427	HALBLEITER	71585			12-1446	KERNSTRHLG.	44010			9-1575	PLASMA	57
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NIKLAUS	JP	12-2183	KRISTALLE	65576		T	9-656	KERN-MESSG.	40520			3-785	STARKE WW.	41
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	AN	5-1223	KERNSTRHLG.	44010			2-455	MASER,LASER	28000			2-914	KERNSTRUKT.	42
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	VI	2-482	MASER,LASER	28045		M	12-1790	PLASMA	57070	NOGI	Y	9-1563	PLASMA	57
		12-2595	MAGN.EIG.FK	69070		O	2-428	TEILCH.OPT.	27040	NOGIN	YM	11-2768	HALBLEITER	71
	VN	8-1526	POLYMERE	53540		Y	4-1403	ATOME	52065	NOGINOV	AM	6-2484	HALBLEITER	71
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	NL	10-756	KERN-MESSG.	40582		T	7-295	MECHANIK	22038		JA	4-1120	KERNSPEKTR.	42
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NIKOLSKIY	AP	6-2763	GEOMAGNET.	90440			6-522	PHYS.OPTIK	29055			1-2439	OPT.EIG.FK	73
NIKOLSKY	AP	10-2297	MAGN.EIG.FK	69045	NISIMURA	K	9-518	MASER,LASER	28050			3-2581	OPT.EIG.FK	73
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		10-1379	KERNSTRHLG.	44030	NISIZAWA	M	4-1567	POLYMERE	53530			5-2578	FK-SPEKTREN	73
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IING C	9- 660 KERN-MESSG.	40532	MM	4- 360 ELASTIZIT.	22510	NUZILLAT G	4-2499 OPT.EIG.FK	73605
ITROM TV	9-1800 KRISTALLE	65574	NN	3-1244 MOLEKUELE	52524		9-2453 FK-SPEKTREN	73335
VEDT JR. K.				4-1937 KRIST.FEHL.	66035	NWACHUKU CO	1- 883 STARKE WW.	41745
	7- 122 MATH.PHYSIK	16020		9-1938 MECH.EIG.FK	66545		5- 939 STARKE WW.	41753
	12- 343 FELDTHEORIE	18040	PS	7-1702 FLUESSIGK.	58527	NY LE R	8-1687 GASENTLADG.	57815
	12- 344 FELDTHEORIE	18040	V	12-1039 STARKE WW.	41735	NYBERG DW	3-2590 OPT.EIG.FK	73625
KKA AJ	11-3076 DUENNE SCHI	74020	VG	11- 608 KERN-MESSG.	40555		5-2651 OPT.EIG.FK	73640
ARDON HO	12-2423 THERMEIG.FK	67510	VI	9-2219 SUPRALEITG.	70540		10-2717 OPT.EIG.FK	73640
ODER H	10- 623 OPT.INSTRUM	28513	VM	7- 846 ELEMENTART.	41543		11-2740 HALBLEITER	71566
	7-2806 MAGNETOSPH.	91226	VP	11-1100 KERNSPEKTR.	42555	NYBO K	9- 978 KERNSPEKTR.	42565
	8-2786 LUFTHUELLE	90880	YN	4-1145 KERNSPEKTR.	42565	P	10- 235 QUANTENTHED	16588
LUEY T	7-1488 POLYMERE	53535	NV	8-1434 MOLEKUELE	52538	WL	6- 286 AKUSTIK	23530
PNAS	12-1532 ATOME	52045	SI	6-2129 THERMEIG.FK	67550	NYE JF	7-2019 MECH.EIG.FK	66550
IN LM	12-2130 KRISTALLE	65545	CH	3-1711 KRISTALLE	65588	NYELAND C	3-1502 GASE	58025
DE GE	7- 314 HYDRODYNAM.	23015	EZ	2-2000 DIELEKTRIKA	68050	NYGAARD KJ	1-1548 PLASMA	57030
	1-1415 ATOME	52075	LA	6-2062 MECH.EIG.FK	66593		4-1598 PLASMA	57033
	3-1174 ATOME	52047		2- 323 WAERME	24000	NYGREN D	6- 689 ELEMENTART.	41546
JC	5-1170 KERNREAKTIO	43075		2- 608 PHYS.OPTIK	29066		8- 866 ELEMENTART.	41546
LJ	10-1993 KRISTALLE	65984		2- 609 PHYS.OPTIK	29066	NYKL F	4- 521 ELEKTRIZIT.	26050
C	1-2567 OPT.EIG.FK	73640		5- 76 LABORTECHN.	12520	NYLUND K	6- 83 VAKUUM	13050
MO	11-2958 FK-SPEKTREN	73370	PV	8- 438 WAERME	24000	NYMAN B	7-1134 KERNSPEKTR.	42570
	11-2959 FK-SPEKTREN	73370	EZ	1- 62 MESSEN	12230		9- 987 KERNSPEKTR.	42570
	12-3052 FK-SPEKTREN	73370		3-1892 MECH.EIG.FK	66553	EM	1- 875 STARKE WW.	41740
SH RGW	2- 540 OPT.INSTRUM	28563		8- 510 ELEKTRODYN.	26500		4- 953 STARKE WW.	41740
ACT DM	11-2024 KRISTALLE	65572	NOVOGRODOV AF	6-1002 KERNSPEKTR.	42570	NYMMIK RA	11-3266 KOSM.STRLG.	90646
	5-1737 FLUESSIGK.	58520	NOVOMEISKI YD	9-1829 KRISTALLE	65588	NYQVIST H	7-1120 KERNSPEKTR.	42565
	6-1635 FLUESSIGK.	58520	NOVOMEISKI YD	1- 307 MECHANIK	22050	NZOGUE NGUEMA Z.P.		
GR	9- 195 QU.FELDTHEO	17025	NOVOSELOV GF	6- 587 KERN-MESSG.	40532		4-1341 KERNSTRHLG.	44037
	12- 221 QUANTENTHED	16560	NOVOSELOVA AV	8-1372 ATOME	52090			
	12- 284 QU.FELDTHEO	17025	IA	12-2795 HALBLEITER	71540			
ICLIFFE LC	3-1824 KERNSTRHLG.	44030		19-2731 OPT.EIG.FK	73645			
	12- 948 ELEMENTART.	41560	NOVOTELNOV VN	1-1767 FLUESSIGK.	58540			
ICUTT WG	12-2423 THERMEIG.FK	67510	NOVOTNY J	8-1752 FLUESSIGK.	58530	OADES EC	6- 696 ELEMENTART.	41546
IOYER WR	1-1752 FLUESSIGK.	58530		10- 753 KERN-MESSG.	40582		7- 854 ELEMENTART.	41546
IROP DA	8-1902 KRISTALLE	65584	JL	12-2485 DIELEKTRIKA	68020	OAKES ME	8- 966 STARKE WW.	41730
	7-2811 MAGNETOSPH.	91230		7- 708 PHYS.OPTIK	29060		3-1341 PLASMA	57070
	9- 448 ELEKTRODYN.	26540		9-1612 GASE	58025		1- 817 ELEMENTART.	41550
	9-2820 MAGNETOSPH.	91260	NOVOTNYI I	9-2586 OPT.EIG.FK	73630		3- 749 ELEMENTART.	41546
IN A	11- 847 STARKE WW.	41740	NOVOZHILOV YN	11- 273 HYDRODYNAM.	23010		5- 936 STARKE WW.	41753
E	12-1256 KERNSPEKTR.	42560	YV	2- 833 STARKE WW.	41753		9- 847 STARKE WW.	41753
RB	10-2997 PLANETEN	93613		8-1026 STARKE WW.	41762		12- 914 ELEMENTART.	41540
RE	2- 147 QU.FELDTHEO	17010	NOVACKI W	10-1994 KRISTALLE	65584	OAKY NS	11-1228 KERNREAKTIO	43046
	3- 169 QUANTENTHED	16578	NOVAK ES	2-1517 GASE	58045	OATMAN LC	7-2963 HOEREN	96310
	11- 703 ELEMENTART.	41546	S	1- 954 STARKE WW.	41764	OBARA T	7- 202 QU.FELDTHEO	17020
HOW LH	5-2062 GITTERDYN.	67010		11- 809 STARKE WW.	41730	OBSHAIN FE	3-1656 FK-SPEKTREN	73310
	11-2352 MAGN.EIG.FK	69025	NOVATZKI EA	10-2952 ASTROPHYSIK	93020	OBENSHAIN	12-1378 KERNREAKTIO	43075
H	6-2677 DUENNE SCHI	74050	TH	9-1073 KERNREAKTIO	43075	OBER DR	8- 153 VAKUUM	13030
	8-2660 DUENNE SCHI	74050	AS	9-1833 KRIST.FEHL.	66010		11- 866 STARKE WW.	41753
UNO AE	9-2577 OPT.EIG.FK	73625	R	3-2690 GRENZFL.FK	74573	OBERHOLZER J	10-2337 LEITFHG.FK	70010
VA	9-2219 SUPRALEITG.	70540	S	8- 824 BESCHLEUNIG	41040	OBERLAENDER S	1- 984 KERNSTRUKT.	42020
VI	5-1340 ATOME	52085	I	1-1826 FK-SPEKTREN	73310	OBERLECHNER G	4-1048 KERNSTRUKT.	42040
VG	1-1036 KERNSPEKTR.	42520		8-1861 KRISTALLE	65545	OBERLIN A	5-2768 GRENZFL.FK	74533
	4-1052 KERNSTRUKT.	42060	NOVIKOWSKI J	12-2138 KRISTALLE	65545	OBERLY R	8-1429 MOLEKUELE	52536
VN	1-2337 HALBLEITER	71530	JL	3-1462 PLASMA	57250	OBERMAIR G	2-1681 KRISTALLE	65576
	3-2462 PHOTOLEITG.	72510	AA	2-1911 GITTERDYN.	67060		2-2175 GRENZFL.FK	74573
	5-2152 DIELEKTRIKA	68030	W	8-2719 ERDKOERPER	90240		9-1514 PLASMA	57085
GI	5-2033 MECH.EIG.FK	66516	HP	12-3003 FK-SPEKTREN	73355	OBERMAN C	10-1660 PLASMA	57026
R	9-1632 FLUESSIGK.	58520		2- 896 KERNSTRUKT.	42010		1-1396 ATOME	52045
	10- 130 MATH.PHYSIK	16020	RM	7- 997 KERNSTRUKT.	42010	OBERSCHLIP E	1-1397 ATOME	52045
A	2-1585 FLUESSIGK.	58568		10-1580 MOLEKUELE	52575		8-1639 PLASMA	57075
B	3-1742 KRIST.FEHL.	66015	RW	12-3384 SONNENPHYS.	93310	OBIRI T	10-1713 PLASMA	57085
RRIGO S	4-1222 KERNREAKTIO	43046	M	8-1638 PLASMA	57075		1-1497 MOLEKUELE	52580
	7-1179 KERNREAKTIO	43046	T	3-1317 POLYMERE	53544	OBJEDKOV VD	3-2103 MAGN.EIG.FK	69025
	11-1220 KERNREAKTIO	43040		3- 870 STARKE WW.	41780	OBOKATA T	1- 707 PHYS.OPTIK	29080
HA	8-1742 FLUESSIGK.	58527	NOZICKA F	2- 207 FELDTHEORIE	18030	OBRADOVICH KA	1- 603 MASER,LASER	28060
A	6- 576 KERN-MESSG.	40520	P	11-1404 ATOME	52010	OBREIMOV IV	2- 534 OPT.INSTRUM	28556
	6- 967 KERNSPEKTR.	42560	AJ	2-1633 KRISTALLE	65540		3-2819 IONOSPHERA	91020
K	2-2295 SUPRALEITG.	70550		7-2406 FK-SPEKTREN	73310	OBRIEN BJ	3-2839 MAGNETOSPH.	91226
	12-2703 SUPRALEITG.	70550	S	1- 517 TEILCH.OPT.	27062		5-1048 KERNREAKTIO	42545
ILHAT A	7- 827 BESCHLEUNIG	41010	E	10-1337 K-REAKTOREN	43515		9-2720 GEOMAGNET.	90440
A	6-2540 FK-SPEKTREN	73330		11-2755 HALBLEITER	71590	DP	10-2859 GEOMAGNET.	90460
	6-2541 FK-SPEKTREN	73330	HW	7- 437 ELEKTRIZIT.	26050	F	10-1398 ATOME	52010
JP	1- 585 MASER,LASER	28055		7-1762 FLUESSIGK.	58565	K	4-1320 KERNSTRHLG.	44020
M	8- 959 STARKE WW.	41725	CJ	10-2751 DUENNE SCHI	74010	PF	12-1441 KERNSTRHLG.	44010
	10-2214 DIELEKTRIKA	68020		2-1878 GITTERDYN.	67010	RR	3- 599 PHYS.OPTIK	29000
P	7-1811 KRISTALLE	65545		3-1235 MOLEKUELE	52540	RF	3-2079 FK-SPEKTREN	73365
PE	3- 349 WAERME	24026		6-1254 MOLEKUELE	52510	RR	2-2397 HALBLEITER	71570
T	3-1131 ATOME	52010	GW	9-2876 PLANETEN	93613	V	5-2986 HOEREN	96310
MM	4- 527 ELEKTRODYN.	26500	M	3-1376 PLASMA	57053		5- 304 HYDRODYNAM.	23020
TB	6- 673 ELEMENTART.	41543		3-1377 PLASMA	57053		10-1672 PLASMA	57045
	8- 953 STARKE WW.	41725	K	10- 562 MASER,LASER	28040	OBRIEN JR. BB	3-1398 PLASMA	57070
	9- 708 BESCHLEUNIG	41020	CS	9- 696 BESCHLEUNIG	41010	OBRIKAT D	6-2616 OPT.EIG.FK	73655
	9- 814 STARKE WW.	41725	NR	7-2022 MECH.EIG.FK	66550	OBRYAN JR. HM	7-2159 MAGN.EIG.FK	69045
RODITSEVA Y.I.			RD	11-1969 KRISTALLE	65510	OBST E	4-1111 KERNSPEKTR.	42555
	4-1290 KERNREAKTIO	43092	M	7-1244 KERNREAKTIO	43092	OBUKHOV AA	3-2009 DIELEKTRIKA	68020
	7-1249 KERNREAKTIO	43092	HJ	3- 987 KERNSPEKTR.	42575		6-1562 PLASMA	57279
	10-1333 KERNREAKTIO	43092				VI	6-1576 GASENTLADG.	57850
DI RA	11- 335 WAERME	24050	NURMUKHAMETOV R.M.	2-1284 MOLEKUELE	52528	YV	4- 894 ELEMENTART.	41550
MA	2- 437 TEILCH.OPT.	27068		4-1510 MOLEKUELE	52528		12-1568 ATOME	52070
R	5-1293 ATOME	52070		9-2581 OPT.EIG.FK	73625	OBVEDKOV VD		
	5-1194 ATOME	52040	MURZYNSKI J	1-1357 KERNSPEKTR.	42545	OBYKNOVENNAYA I.E.		
AI	6-2472 HALBLEITER	71570		7-1225 KERNREAKTIO	43075		8-2617 OPT.EIG.FK	73640
BY	3-2065 FK-SPEKTREN	73355		12-1385 KERNREAKTIO	43075		8-2933 STERNE	94030
	5-1342 MOLEKUELE	52590		1-1777 FLUESSIGK.	58555		10-3052 STERNE	94030
	5-2678 OPT.EIG.FK	73620	NUSHNYI VM	5-1248 ATOME	52040	OCHEREMKOV VM	1- 556 MASER,LASER	28040
GI	12- 497	57556	OH	1- 825 ELEMENTART.	41566	OCHIRBAT G	1-1952 GITTERDYN.	67010
GV	11-1994 KRISTALLE	65540	M	2- 788 STARKE WW.	41725		8-1760 FLUESSIGK.	58535
ID	1-2847 KOSM.PHYSIK	94570		4- 997 STARKE WW.	41764	OCHS W	11- 902 STARKE WW.	41775
	4-2905 KOSM.PHYSIK	94583	RH	12-2853 FK-SPEKTREN	73310	OCHO	12-2631 LEITFHG.FK	70028
	8-3009 KOSM.PHYSIK	94580	S	1- 668 PHYS.OPTIK	29020	OCKERT CE	11- 41 UNTERRICHT	12035
	8-3016 KOSM.PHYSIK	94583		1- 876 STARKE WW.	41740	OCKMAN JS	9- 463 TEILCH.OPT.	27068
II	1- 65 LABORTECHN.	12500	NUSSENZVEIG HM	2- 736 ELEMENTART.	41570	O'CONNELL N	7-1164 KERNREAKTIO	43022
	1- 340 HYDRODYNAM.	23020	NUSSINOV S	3- 767 STARKE WW.	41700		7-1165 KERNREAKTIO	43022
	1- 446 THERMODYN.	24536		3- 856 STARKE WW.	41767	RF	2-2879 KOSM.PHYSIK	94530
				10- 867 ELEMENTART.	41572			

OCONNELL	RF	3- 271	FELDTHEORIE	18045	OFFEN	HW	6-1306	MOLEKUELE	52528	OHLSEN	GG	9-1068	KERNREAKTIO	4
		7- 275	FELDTHEORIE	18048			6-1396	POLYMERE	53546			12- 812	KERN-MESSG.	4
	WJ	1-1064	KERNESPEKTR.	42545			7- 642	OPT. INSTRUM	20550	OHM	EA	1- 710	PHYS. OPTIK	2
		3-1051	KERNREAKTIO	43054			9-1411	POLYMERE	53540	OHMACHI	Y	6-2150	DIELEKTRIKA	6
OCONNOR	CL	5-1827	FLUESSIGK.	58573			11-2203	MECH. EIG. FK	66556	OHMURA	H	5-1167	KERNREAKTIO	4
	DA	9-1778	KRISTALLE	65570	OFFENBACHER	EL	9-1762	KRISTALLE	65545		T	1-1170	KERNREAKTIO	4
	S	3-1228	MOLEKUELE	52534	OFFEDAL	E	6-2371	SUPRALEITG.	70530			8-1102	KERNESPEKTR.	4
		3-1465	GASENTLADG.	57840	OGALLAGHER	JJ	7-2921	KOSM. PHYSIK	94530		Y	3-2220	LEITFHGK. FK	7
ODA	TC	12-1924	GASE	58025	OGANESIAN	AG	1-1332	KERNSTRHLG.	44035	OHNESORGE	WF	10-3146	STRAHL. BIOL	9
	A	9- 425	ELEKTRIZIT.	26016	OGANESYAN	RS	1-1612	PLASMA	57055	OHNISHI	H	2-1460	PLASMA	5
	N	2- 648	KERN-MESSG.	40538		VO	1-2082	FK-SPEKTREN	73355			7-1614	PLASMA	5
	S	7- 626	OPT. INSTRUM	28530			9-2497	FK-SPEKTREN	73355			9-1562	PLASMA	5
	T	2-1452	PLASMA	57050		YT	4-1285	KERNREAKTIO	43090			3-2638	DUENNE SCHI	7
	Y	12-3085	FK-SPEKTREN	73370			4-1291	KERNREAKTIO	43092		M	3-2652	DUENNE SCHI	7
	Z	9-1805	KRISTALLE	65574	OGANEZOV	KA	2-1448	GASENTLADG.	57810			7- 814	KERN-MESSG.	4
ODABASI	H	7-1302	ATOME	52024	OGASAWARA	M	2-1214	ATOME	52070	OHNIWA	K	2-1442	PLASMA	5
ODAKA	T	11-2621	SUPRALEITG.	70540		T	12-2718	SUPRALEITG.	70550	OHNO	H	3-2355	METAL. LEITG	7
ODEH	F	11-2605	SUPRALEITG.	70510			12-2719	SUPRALEITG.	70550	OHNUKI	Y	10-2301	MAGN. EIG. FK	6
ODEHNAL	M	4- 802	KERN-MESSG.	40527	OGATA	H	1-1089	KERNESPEKTR.	42550			1- 781	ELEMENTART.	4
ODELL	AW	11- 916	STARKE WW.	41783			3-1062	KERNREAKTIO	43056			4-1010	STARKE WW.	4
		12-1005	STARKE WW.	41725			3-1089	KERNREAKTIO	43080	OHNUMA	H	4-1253	KERNREAKTIO	4
	CM	6-2943	KOSM. PHYSIK	94520			8-1049	STARKE WW.	41783			6-1027	KERNREAKTIO	4
		9- 15	BIOGRAPHIEN	10230	OGAWA	K	3- 687	KERN-MESSG.	40532		T	4-1677	PLASMA	5
	S	5-1165	KERNREAKTIO	43066			11-3037	OPT. EIG. FK	73640			11-1721	PLASMA	5
	TH	4-2205	MAGN. EIG. FK	69080		HS	3- 394	ELEKTRIZIT.	26016	OHYAMA	T	3-2085	MAGN. EIG. FK	6
ODEN	L	6-1649	FLUESSIGK.	58520		I	10- 650	OPT. INSTRUM	28550	OHR	SM	4-1952	KRIST. FEHL.	6
ODENCRANTZ	FK	4-2073	DIELEKTRIKA	68020		K	3-1446	BESCHLEUNIG	41010	OHRT	A	2-1137	KERNSTRHLG.	4
ODENWALD	H	8-1544	PLASMA	57010			9- 680	KERN-MESSG.	40584			12-1454	KERNSTRHLG.	4
ODGERS	GJ	5-2879	ASTROPHYSIK	93020			11- 59	LABORTECHN.	12570	OHSAWA	T	7-2957	BIOPHYSIK	9
ODHNER	NH	3-2701	ERDKOERPER	90210			12-1750	PLASMA	57033			8-1766	FLUESSIGK.	5
ODINTSOV	AI	3- 541	MASER, LASER	28055		M	4-1401	MOLEKUELE	52585	OHSHIMA	H	12-1715	POLYMERE	5
		9- 532	MASER, LASER	28055			8-1495	MOLEKUELE	52585	OHTA	I	8-1049	STARKE WW.	4
	VI	12- 637	MASER, LASER	28055			9-1291	MOLEKUELE	52524	OHTSUKA	K	10-2698	OPT. EIG. FK	7
	GA	9-1320	MOLEKUELE	52540			11-1276	KERNREAKTIO	43056			12-2849	FK-SPEKTREN	7
ODINTSOVA		1-1665	PLASMA	57206		S	1-2159	MAGN. EIG. FK	69070			11- 917	STARKE WW.	4
		9-1435	PLASMA	57020			2-2117	MAGN. EIG. FK	69040		M	2-2272	SUPRALEITG.	7
ODINZOVA	IN	6-2871	SONNENPHYS.	93324			2-2600	DUENNE SCHI	74020			5-2406	SUPRALEITG.	7
ODISHAW	H	10- 70	BUECHER	11030			3-1746	KRIST. FEHL.	66015	OHTAKA	K	4-1333	KERNSTRHLG.	4
ODONNELL	PH	2- 917	KERNSTRUKT.	42050			4-2163	MAGN. EIG. FK	69040			11-2337	MAGN. EIG. FK	6
	PJ	1- 904	STARKE WW.	41753			5- 863	STARKE WW.	41700			12-2298	KRIST. FEHL.	6
		4- 888	ELEMENTART.	41546			8-1929	KRIST. FEHL.	66015	OHTANI	H	9-2973	KOSM. PHYSIK	9
		7- 951	STARKE WW.	41753			9-1805	KRISTALLE	65574	OHTSU	J	12-1804	PLASMA	5
ODONNELL OFFENHARTZ	P.						11- 724	ELEMENTART.	41546	OHTSUKA	T	2-1924	THERMEIG. FK	6
ODONOVAN	PJ	7-1393	MOLEKUELE	52514			11-2065	KRISTALLE	65588			6-2374	SUPRALEITG.	7
	JT	11-1584	MOLEKUELE	52575		T	7- 669	OPT. INSTRUM	28595			6-2376	SUPRALEITG.	7
		9- 784	ELEMENTART.	41580	OGAZA	S	11-1468	ATOME	52075	OHTSUKI	Y	6- 431	MASER, LASER	2
ODORICO	R	6- 150	QUANTENTHEO	16582	OGDEN	PM	3- 907	KERNESPEKTR.	42510			7-2643	GRENZFL. FK	7
		7- 893	STARKE WW.	41700	OGELMAN	H	7- 932	STARKE WW.	41740		YH	9- 607	PHYS. OPTIK	2
		10- 222	QUANTENTHEO	16578	OGG	NR	12-3441	STERNE	94050			4-1333	KERNSTRHLG.	4
		12-1018	STARKE WW.	41725	OGG	NR	1-2361	HALBLEITER	71540			8-1979	KRIST. FEHL.	6
ODRU	P	12-1025	STARKE WW.	41725	OGIEVETSKII	VI	7- 985	STARKE WW.	41764			11- 386	TEILCH. OPT.	2
ODWYER	JJ	10-1126	KERNESPEKTR.	42555	OGILVIE	KW	11- 618	KERN-MESSG.	40570			12-2156	KRISTALLE	6
ODYNETS	LL	5-2153	DIELEKTRIKA	68040			11- 620	KERN-MESSG.	40570	OHYAMA	M	12-2659	LEITFHGK. FK	7
		1-2034	DIELEKTRIKA	68040			11-3300	GEOMAGNET.	90470			4-2054	THERMEIG. FK	6
		1-2345	HALBLEITER	71530	OGINO	K	11-1333	KERNREAKTIO	43080	OI	T	1-2391	HALBLEITER	7
ODEBERG	PA	4- 578	HF-TECHNIK	27540	OGITA	N	5-2067	GITTERDYN.	67010		N	8-1248	KERNREAKTIO	4
ODEA	H	2- 435	TEILCH. OPT.	27040			8-1049	STARKE WW.	41783	OIKNINE	C	9-1094	KERNREAKTIO	4
OEHLMANN	L	4-1558	MOLEKUELE	52550	OGLOBLIN	AA	12-1398	KERNREAKTIO	43085			5- 404	WAERME	2
OEHMANN	Y	2- 532	OPT. INSTRUM	28545	OGORODNIK	AF	4-1226	KERNREAKTIO	43046	OISHI	J	9- 392	WAERME	2
		2-2821	ASTROPHYSIK	93030	OGORODNIKOV	NN	8- 582	MASER, LASER	28040			11- 623	KERN-MESSG.	4
		9-2853	SONNENPHYS.	93324		VK	2-2329	HALBLEITER	71530	OITMAA	J	12-2894	FK-SPEKTREN	7
		9-2854	SONNENPHYS.	93324	OGREN	H	12- 963	ELEMENTART.	41574		M	3-2006	DIELEKTRIKA	6
OEHME	H	2-1528	FLUESSIGK.	58520	OGRIIN	YF	5-2724	DUENNE SCHI	74040			7-2034	GITTERDYN.	6
	R	3- 778	STARKE WW.	41710	OGRYZLO	EA	7-2766	IONOSPHERE	91020	OJA	T	6-2176	FK-SPEKTREN	7
		3- 839	STARKE WW.	41755	OGUCHI	K	4-1743	GASE	58025	OJOG	A	8-2658	DUENNE SCHI	7
		8- 992	STARKE WW.	41753			4-1744	GASE	58025	OK	HN	12-2123	KRISTALLE	6
		10- 942	STARKE WW.	41750		T	3-2103	MAGN. EIG. FK	69025			12-2124	KRISTALLE	6
		12-1024	STARKE WW.	41725			5-2218	MAGN. EIG. FK	69000	OKA	S	3-1540	FLUESSIGK.	5
OEHRING	HA	8- 642	OPT. INSTRUM	28545			12-2538	MAGN. EIG. FK	69025			5-1848	DISP. SYST.	5
OEKTUE	O	3-2209	LEITFHGK. FK	70028	OGURA	H	3- 572	OPT. INSTRUM	28545			6- 245	HYDRODYNAM.	2
		4-2328	HALBLEITER	71520			3- 573	OPT. INSTRUM	28545			9-2973	KOSM. PHYSIK	9
		5-2493	HALBLEITER	71563			11- 442	MASER, LASER	28040		T	5-1408	MOLEKUELE	5
OEL	HJ	11-2780	THERMOELEKT	72010			12- 298	STATISTIK	17510			5-2709	DUENNE SCHI	7
OELCER	NY	2-1542	FLUESSIGK.	58530	OGURO	M	7-1798	KRISTALLE	65518			9-1368	MOLEKUELE	5
		8- 460	WAERME	24050	OGURTANI	TO	9-1757	KRISTALLE	65540			11-1489	MOLEKUELE	5
		9- 375	WAERME	24050	OGURTSOV	OF	11-3247	KOSM. STRLG.	90610		Y	3-1707	KRISTALLE	6
		11- 280	HYDRODYNAM.	23020	OGURTSOVA	LA	12-3127	OPT. EIG. FK	73635			3-2461	PHOTOLEITG.	7
OELGART	G	9-2066	DIELEKTRIKA	68050	OH	BY	7- 910	STARKE WW.	41725			9-1006	KERNREAKTIO	4
OELKRUG	D	8-2465	FK-SPEKTREN	73325		SW	10-1286	KERNREAKTIO	43064	OKABAYASHI	M	9-1007	KERNREAKTIO	4
		11-2844	FK-SPEKTREN	73325	OHAGAN	ME	8- 458	THERMEIG. FK	67520	OKABE	H	11-3070	DUENNE SCHI	7
		11-3010	OPT. EIG. FK	73620	OHANIAN	HJ	5-1220	KERNSTRHLG.	44010			10-1739	PLASMA	5
OENENGUET	D	5-2561	FK-SPEKTREN	73320	OHANLON	JF	4- 793	KERN-MESSG.	40520			4- 626	MASER, LASER	2
OEPK	U	5-2300	LEITFHGK. FK	70010			5-2683	DUENNE SCHI	74000			5-1475	MOLEKUELE	5
		12-1474	ATOME	52010	OHARA	G	3-1624	KRISTALLE	65518		S	11-1605	MOLEKUELE	5
		12-1475	ATOME	52010		S	11-1981	KRISTALLE	65518			12- 860	KERN-MESSG.	4
OERS VAN	WTH	3-1026	KERNREAKTIO	43042			2-1603	KRISTALLE	65510	OKADA	F	8- 584	MASER, LASER	2
		11- 938	KERNSTRUKT.	42010			2-1951	THERMEIG. FK	67556		K	3-1848	KRIST. FEHL.	6
		11-1251	KERNREAKTIO	43052			8-2112	THERMEIG. FK	67556			3-2653	DUENNE SCHI	7
		11-1260	KERNREAKTIO	43054	OHARE	JM	1-1447	MOLEKUELE	52512			8-1392	FK-SPEKTREN	7
		11-1261	KERNREAKTIO	43054	OHASHI	K	12-2401	GITTERDYN.	67040			10-2165	THERMEIG. FK	6
OERTZEN VON	W	4-2838	PLANETEN	93630	OHBA	I	2- 717	ELEMENTART.	41546			11- 855	STARKE WW.	4
		10-1314	KERNREAKTIO	43085			6- 862	STARKE WW.	41785			6-2526	FK-SPEKTREN	7
OESCHGER	H	2-1007	KERNREAKTIO	43016			8- 929	STARKE WW.	41700		M	2-1766	KRIST. FEHL.	6
OESTEROREN	L	12- 489	WAERME	24060			8- 963	STARKE WW.	41725		T	9-2017	THERMEIG. FK	6
OESTERWINTER	C	9-2875	PLANETEN	93610			10- 955	STARKE WW.	41753			9-2378	FK-SPEKTREN	7
OESTMAN	B	11-3256	KOSM. STRLG.	90633	OHAYASHI	K	10- 956	STARKE WW.	41755	OKAI	S	8-1236	KERNREAKTIO	4
OETTEI	RE	3-2012	DIELEKTRIKA	68030			4-2355	HALBLEITER	71550	OKAMOTO	H	1-1973	GITTERDYN.	6
OETTING	FL	7- 421	THERMODYN.	24554			12-2583	MAGN. EIG. FK	69060			2-2584	DUENNE SCHI	7
		12-1293	KERNESPEKTR.	42575	OHI	K	1-2542	OPT. EIG. FK	73605			8-1840		

TO	T	10-2124	MECH.EIG.FK	66553	OKUNO	T	7-2364	HALBLEITER	71570	OLSON	GA	2-58	VAKUUM	13030
		10-2125	MECH.EIG.FK	66553	OKUTANI	JI	2-1404	PLASMA	57085		JC	11-2408	MAGN.EIG.FK	69040
	Y	11-2196	MECH.EIG.FK	66553			11-1660	PLASMA	57015		NT	6-2694	GRENZFL.FK	74520
		3-2529	FK-SPEKTREN	73330	OKUTO	Y	11-372	ELEKTRIZIT.	26060		R	5-1320	ATOME	52065
		5-1857	KRISTALLE	65518	OKUYAMA	F	1-2665	GRENZFL.FK	74566		RA	5-1617	PLASMA	57203
		6-2085	GITTERDYN.	67020	OLAL	E	8-145	VAKUUM	13016		RE	3-1185	ATOME	52065
RA	H	6-1089	KERNREAKTIO	43060	OLANDER	F	7-2157	MAGN.EIG.FK	69040	OLSSON	CN	2-2839	PLANETEN	93614
	K	11-2065	KRISTALLE	65588	OLARIU	A	4-2628	GRENZFL.FK	74535		M	12-1086	STARKE WW.	41755
	S	8-583	MASER,LASER	28040	OLATUNJI	EO	3-2842	IONOSPHAERE	91040		MG	1-867	STARKE WW.	41730
		11-1901	FLUESSIGK.	58530			6-2828	IONOSPHAERE	91050			3-837	STARKE WW.	41755
	TI	10-384	HYDRODYNAM.	23030	OLBERG	M	8-2763	LUFTHUELLE	90840			6-747	STARKE WW.	41710
	DF	1-2296	HALBLEITER	71530	OLDANO	C	4-1106	KERN-SPEKTR.	42550			10-980	STARKE WW.	41764
		5-2148	DIELEKTRIKA	68030	OLDKOP	M	8-1607	PLASMA	57053			12-992	STARKE WW.	41710
		9-2394	FK-SPEKTREN	73325	OLDHAM JR.	WJB	4-1406	ATOME	52065		P	10-183	QUANTENTHEO	16530
		11-2747	HALBLEITER	71570			9-1216	ATOME	52065	OLTMAN	BM	12-3279	ERDKOERPER	90250
		12-2490	DIELEKTRIKA	68030	OLDMAN	RJ	7-1471	MOLEKUELE	52575	OLYMBIOS	EM	6-2515	FK-SPEKTREN	73325
	H	1-1406	ATOME	52045	OLEARY	BT	7-2865	PLANETEN	93612	OMALLEY	TF	4-1521	MOLEKUELE	52575
	K	12-1386	KERNREAKTIO	43075		GP	1-2004	THERMEIG.FK	67553	OMAN	RA	3-2669	GRENZFL.FK	74530
	R	3-1454	PLASMA	57253	OLECHNA	K	11-1615	POLYMERE	53535	OMAR	RM	12-3483	BIOPHYSIK	96040
	MA	8-640	OPT.INSTRUM	28540		DJ	11-1398	ATOME	52010		A	11-182	STATISTIK	17523
KI	A	7-2046	GITTERDYN.	67040	OLEINIK	BN	10-80	MESSEN	12200		MA	10-2460	HALBLEITER	71520
		8-1909	KRISTALLE	65584		OA	8-386	HYDRODYNAM.	23030		MH	10-2203	THERMEIG.FK	67556
	H	3-1753	KRIST.FEHL.	66020			10-385	HYDRODYNAM.	23030	OMEARA	BM	5-2646	OPT.EIG.FK	73640
	I	2-434	TEILCH.OPT.	27040		VP	2-2531	FK-SPEKTREN	73380	OMELAIENKO	AS	5-1130	KERNREAKTIO	43034
	M	1-2438	FK-SPEKTREN	73300	OLEKSIUK	LW	9-760	ELEMENTART.	41563			8-1198	KERNREAKTIO	43036
		3-2195	LEITFHGK.FK	70022	OLESA	A	8-1117	KERN-SPEKTR.	42545	OMELAYENKO	AS	1-1198	KERNREAKTIO	43036
		3-2196	LEITFHGK.FK	70022			9-2086	MAGN.EIG.FK	69010	OMELCHENKO	AY	4-1688	PLASMA	57075
	S	2-2355	HALBLEITER	71540			12-2540	MAGN.EIG.FK	69025	OMELYANOVSKII	E.M.			
		11-2761	HALBLEITER	71570	OLESEN	K	2-1635	KRISTALLE	65540			9-2285	HALBLEITER	71530
MA	T	8-1505	POLYMERE	53525		MC	8-1156	KERN-SPEKTR.	42560	OMINI	M	10-2019	KRIST.FEHL.	66015
	JB	4-2889	KOSM.PHYSIK	94560			12-1395	KERNREAKTIO	43085	OMNES	R	12-225	QUANTENTHEO	16570
		6-2967	KOSM.PHYSIK	94560		P	1-766	ELEMENTART.	41510		RL	12-254	QUANTENTHEO	16582
		10-3105	KOSM.PHYSIK	94560			1-908	STARKE WW.	41753	OMONT	A	2-1155	ATOME	52035
	HC	11-398	TEILCH.OPT.	27068			6-690	ELEMENTART.	41546			5-1326	ATOME	52065
EE	JA	9-439	ELEKTRIZIT.	26060			9-724	ELEMENTART.	41510			12-1526	ATOME	52045
	RJ	7-2686	ERDKOERPER	90235			9-867	STARKE WW.	41764	OMORI	K	12-2894	FK-SPEKTREN	73325
	TM	10-791	BESCHLEUNIG	41020	OLESON	JR	12-933	ELEMENTART.	41546	OMS	J	1-1130	KERN-SPEKTR.	42565
FFE	AE	7-1200	KERNREAKTIO	43060		NL	3-993	KERN-SPEKTR.	42575			11-1091	KERN-SPEKTR.	42555
	M	1-80	LABORTECHN.	12560	OLETTE	M	1-1695	PLASMA	57270	OMURA	I	3-699	KERN-MESSG.	40570
		5-2467	HALBLEITER	71530			9-22	TAGUNGEN	10525			4-1700	PLASMA	57010
NI	S	1-2607	DUEENNE SCHI	74020		MM	4-494	THERMODYN.	24533			8-1488	MOLEKUELE	52575
MMENKO	NM	4-1619	PLASMA	57045	OLFEE	DB	12-738	PHYS.OPTIK	29050	ONAKA	R	5-2657	OPT.EIG.FK	73640
MMENKO	LS	12-837	KERN-MESSG.	40555	OLHEDE	T	5-983	STARKE WW.	41773			7-2416	FK-SPEKTREN	73320
	TH	6-249	HYDRODYNAM.	23020	OLIJHOEK	JF	2-1540	FLUESSIGK.	58527			7-2550	OPT.EIG.FK	73625
RA	H	3-2469	PHOTOLEITG.	72510	OLINER	AA	3-442	HF-TECHNIK	27530			11-3037	OPT.EIG.FK	73640
HEVICH	VV	6-333	ELEKTRIZIT.	26030	OLIPHANT	TA	3-460	HF-TECHNIK	27530			12-2079	FLUESSIGK.	58576
	K	7-1488	POLYMERE	53535			2-1040	KERNREAKTIO	43048			12-3115	OPT.EIG.FK	73610
		8-1540	POLYMERE	53546			4-1210	KERNREAKTIO	43040	ONCHI	M	10-2810	GRENZFL.FK	74535
	M	6-2677	DUEENNE SCHI	74050			7-1180	KERNREAKTIO	43048	ONDERDELINDEN	D.			
YVICH	VN	8-1245	KERNREAKTIO	43092	OLIVA	P	1-1024	KERN-SPEKTR.	42510			11-2158	KRIST.FEHL.	66079
		9-1093	KERNREAKTIO	43092	OLIVAIN	J	1-1189	KERNREAKTIO	43092	ONDREJCSIK	K	3-581	OPT.INSTRUM	28560
IKOV	EG	9-2258	METAL.LEITG.	71010			2-1386	PLASMA	57075	ONDRIS	M	9-2470	FK-SPEKTREN	73355
GGI	H	11-724	ELEMENTART.	41546			4-1662	PLASMA	57070	ONEAL	TN	11-2130	KRIST.FEHL.	66065
VV	E	9-751	ELEMENTART.	41546			8-1645	PLASMA	57085	ONEDA	S	2-688	ELEMENTART.	41510
		12-1039	STARKE WW.	41735	OLIVE	DI	8-222	QUANTENTHEO	16575			8-932	STARKE WW.	41710
	EO	7-861	ELEMENTART.	41546	OLIVEIRA	CG	10-303	FELDTHEORIE	18020			8-1028	STARKE WW.	41764
KI	CT	7-516	HF-TECHNIK	27560	OLIVEN	MN	11-3301	IONOSPHAERE	91020			9-725	ELEMENTART.	41510
		11-1637	POLYMERE	53546			11-3302	IONOSPHAERE	91020			9-763	ELEMENTART.	41566
EGORN	SE	10-3029	PLANETEN	93650	OLIVER	CJ	11-3336	IONOSPHAERE	91078	ONEIL	TM	10-944	STARKE WW.	41753
	B	1-411	AKUSTIK	23570		J	11-435	MASER,LASER	28035			1-1627	PLASMA	57080
		2-592	PHYS.OPTIK	29045		JP	3-2706	ERDKOERPER	90240			3-1383	PLASMA	57055
		5-692	PHYS.OPTIK	29045			6-2884	PLANETEN	93610			7-1571	PLASMA	57085
		7-1779	FLUESSIGK.	58573		L	9-2993	KOSM.PHYSIK	94560	ONEILL	PK	11-1746	PLASMA	57080
	YA	12-736	PHYS.OPTIK	29045		LR	6-208	FELDTHEORIE	18020	ONG	KM	2-527	OPT.INSTRUM	28545
		4-2500	OPT.EIG.FK	73605		MR	5-2031	MECH.EIG.FK	66516		PP	12-1078	STARKE WW.	41755
	YD	4-2519	OPT.EIG.FK	73645			3-2398	HALBLEITER	71566		RSB	7-2773	IONOSPHAERE	91020
		3-1274	MOLEKUELE	52585			6-2443	HALBLEITER	71540			10-1669	PLASMA	57033
		4-1391	MOLEKUELE	52570	OLIVIER	M	9-418	ELEKTRIZIT.	26014			12-1820	PLASMA	57085
	T	3-2588	OPT.EIG.FK	73645		R	3-2417	HALBLEITER	71563	ONICESCU	O	4-706	PHYS.OPTIK	29010
		5-2665	OPT.EIG.FK	73645	OLIVO	MA	7-832	BESCHLEUNIG	41020			5-2977	KOSM.PHYSIK	94583
	H	12-2343	MECH.EIG.FK	66545	OLKHOF	VA	9-214	STATISTIK	17530	ONISCHENKO	IN	8-1637	PLASMA	57075
	S	1-189	QUANTENTHEO	16582	OLKHOVSKI	V	2-999	KERNREAKTIO	43000	ONISHCHENKO	AM	3-2596	OPT.EIG.FK	73630
		2-701	ELEMENTART.	41540		VS	8-212	QUANTENTHEO	16566			6-2586	OPT.EIG.FK	73635
		3-783	STARKE WW.	41725	OLKHOVSKY	VS	9-147	QUANTENTHEO	16550			8-2604	OPT.EIG.FK	73630
		3-829	STARKE WW.	41753	OLLENDORFF	F	10-704	PHYS.OPTIK	29060		IN	1-1650	PLASMA	57096
		4-885	ELEMENTART.	41546			2-962	KERN-SPEKTR.	42545	ONISHCHUK	VA	12-530	ELEKTRIZIT.	26060
		5-970	STARKE WW.	41764			5-1051	KERN-SPEKTR.	42545			9-1268	MOLEKUELE	52512
		8-996	STARKE WW.	41753			7-1084	KERN-SPEKTR.	42545			9-2052	DIELEKTRIKA	68020
		9-735	ELEMENTART.	41540			11-1067	KERN-SPEKTR.	42545	ONISHI	H	2-910	KERNSTRUKT.	42020
		10-940	STARKE WW.	41750	OLLIVIER	R	4-128	MESSEN	12240	ONLEY	DS	12-1321	KERNREAKTIO	43030
		11-678	ELEMENTART.	41510	OLMAN	MD	12-1625	MOLEKUELE	52536	ONN	DG	5-1816	FLUESSIGK.	58568
		12-938	ELEMENTART.	41546	OLMER	P	12-2042	FLUESSIGK.	58562	ONO	F	10-2118	MECH.EIG.FK	66553
		12-1007	STARKE WW.	41725	OLMH	J	3-2854	SonnenPHYS.	93312		I	3-2103	MAGN.EIG.FK	69025
		12-1087	STARKE WW.	41755	OLMSTEAD	J	3-1769	KRIST.FEHL.	66025			12-2538	MAGN.EIG.FK	69025
	T	12-2316	KRIST.FEHL.	66065	OLNESS	D	8-607	MASER,LASER	28060		K	3-77	LABORTECHN.	12530
	H	4-1685	PLASMA	57090		JW	1-1062	KERN-SPEKTR.	42545			5-2002	KRIST.FEHL.	66070
		10-1697	PLASMA	57055			6-928	KERN-SPEKTR.	42545			8-123	LABORTECHN.	12530
	K	1-2087	FK-SPEKTREN	73355			6-930	KERN-SPEKTR.	42545			8-2003	KRIST.FEHL.	66070
	S	3-1880	MECH.EIG.FK	66545			9-935	KERN-SPEKTR.	42540			11-2818	FK-SPEKTREN	73310
	T	5-1578	PLASMA	57055			10-1067	KERN-SPEKTR.	42540			11-2937	FK-SPEKTREN	73360
	BV	6-644	BESCHLEUNIG	41040			12-1199	KERN-SPEKTR.	42545			12-2267	KRIST.FEHL.	66035
	VI	2-2183	LEITFHGK.FK	70060	OLSEN	B	5-780	KERN-MESSG.	40503		S	11-2686	HALBLEITER	71520
	H	10-2668	FK-SPEKTREN	73370		C	6-634	BESCHLEUNIG	41020	ONODERA	Y	1-2187	LEITFHGK.FK	70053
		11-2985	FK-SPEKTREN	73370		DA	3-2155	MAGN.EIG.FK	69050			2-2283	SUPRALEITG.	70520
	J	7-1168	KERNREAKTIO	43024		H	7-1719	FLUESSIGK.	58540			3-2300	SUPRALEITG.	70520
	Y	3-1089	KERNREAKTIO	43080			6-1151	KERNSTRHLG.	44033			3-2365	HALBLEITER	71510
		11-1333	KERNREAKTIO	43080			9-757	ELEMENTART.	41560			9-1830	KRISTALLE	65588
		11-1340	KERNREAKTIO	43085		HA	8-259							

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OONA	H	1-2592	DUENNE SCHI	74010		VA	4-1482	MOLEKUELE	52516			6- 405	MASER, LASER	28
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OOST	WA	5-1707	GASE	58025		VM	11-2666	HALBLEITER	71510			9-2601	OPT.EIG.FK	73
OOSTEN VAN A		3-1496	GASE	58025		VS	5-2660	OPT.EIG.FK	73625			11- 444	MASER, LASER	28
OOSTENS	J	2-1136	KERNSTRHLG.	44030	ORLOVA	IA	3-1517	GASE	58040	OSINENKO	VM	11-2742	HALBLEITER	73
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		2-2592	DUENNE SCHI	74020		MP	1- 413	WAERME	24010	OSIPENKO	VT	9- 818	STARKE WW.	41
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		4-2644	GRENZFL.FK	74573			7-1701	FLUESSIGK.	58525		YI	11-1979	KRISTALLE	65
		5-2759	GRENZFL.FK	74535			12- 117	LABORTECHN.	12530			2- 497	MASER, LASER	28
		6- 68	VAKUUM	13016		NM	5-1951	KRIST.FEHL.	66025		YV	7-1502	PLASMA	57
OOSTRUM VAN K		10-1212	KERNREAKTIO	43038			8-1941	KRIST.FEHL.	66025			5-2541	PHOTOLEITG.	72
	KJ	1-1199	KERNREAKTIO	43038		SL	2-2233	LEITFHGK.FK	70056	OSKAM	HJ	6-2320	LEITFHGK.FK	70
OQUE	S	4- 716	PHYS.OPTIK	29015		TV	5-1166	KERNREAKTIO	43066			3-1340	PLASMA	57
OZONE	T	2-2400	HALBLEITER	71570			8-1229	KERNREAKTIO	43064			5-1673	GASENTLADG.	57
OPAL	C	1- 78	LABORTECHN.	12550			11-1080	KERN-SPEKTR.	42550			7-1513	PLASMA	57
OPARIN	EM	4-1212	KERNSTRUKT.	42010	ORLOVSKAYA	LV	11-1518	MOLEKUELE	52516			10-1637	PLASMA	57
	VA	9-1377	MOLEKUELE	52575		NA	8-2602	OPT.EIG.FK	73630	OSKOTSKII	VS	2-1888	GITTERDYN.	67
OPAT	GI	5- 233	STATISTIK	17526	ORMANCEY	G	11-2284	DIELEKTRIKA	68030			4-2014	GITTERDYN.	67
OPDORP VAN C		7-2360	HALBLEITER	71570	ORMES	JF	5-2946	KOSM.PHYSIK	94530	OSMASTON	MF	5-2795	ERDKOERPER	90
OPDYCKE	J	6-1610	GASE	58040			7-2725	KOSM.STRLG.	90630	OSNAGHI	S	4- 803	KERN-MESSG.	40
OPDYKE	ND	4-2674	GEOMAGNET.	90430	ORMONDE	S	6-1168	ATOME	52010			7- 731	KERN-MESSG.	40
OPENSHAW	IK	12- 548	TEILCH.OPT.	27016			6-1210	ATOME	52070	OSNES	E	2- 928	KERNSTRUKT.	42
OPHEL	TR	10-1074	KERN-SPEKTR.	42540			11-1452	ATOME	52070			10-1044	KERNSTRUKT.	42
OPPOWER	H	3-1455	PLASMA	57256			11-1454	ATOME	52070			10-1086	KERN-SPEKTR.	42
OPP	AG	10-2866	KOSM.STRLG.	90630	ORMONDT VAN D		10-2669	FK-SPEKTREN	73375			11- 951	KERNSTRUKT.	42
OPPENHEIM	AK	12- 413	HYDRODYNAM.	23020			11-2000	KRISTALLE	65545	OSOSKOV	GA	4-1008	STARKE WW.	41
		12-1762	PLASMA	57050			12-2975	FK-SPEKTREN	73355	OSREDKAR	M	12- 61	TAGUNGEN	10
	I	3- 229	STATISTIK	17540	ORMONT	NN	9-2345	PHOTOLEITG.	72500			12-1413	K-REAKTOREN	43
		11- 208	STATISTIK	17540	ORMROD	JH	11-1595	MOLEKUELE	52575			2-2135	MAGN.EIG.FK	65
		12- 306	STATISTIK	17523	OROBINSKII	N	9-1689	FLUESSIGK.	58555	OSTANEVICH	J	2-2136	MAGN.EIG.FK	65
	UP	2-1250	MOLEKUELE	52534	OROVEANU	T	5- 356	HYDRODYNAM.	23070	OSTAPCHENKO	EP	1-1412	ATOME	57
		2-1257	MOLEKUELE	52538			9- 44	BUECHER	11020			2-1484	PLASMA	57
		3-1239	MOLEKUELE	52524	ORR	BJ	11-1868	GASE	58060			7- 532	MASER, LASER	28
OPPENHEIMER F		11-1542	LUFTHUELLE	90860		LW	7- 656	OPT.INSTRUM	28570			9- 531	MASER, LASER	28
OPPENLANDER GC		10- 913	STARKE WW.	41730		RL	1-1733	FLUESSIGK.	58520			10- 603	MASER, LASER	28
OPPERMANN H		9-1405	POLYMERE	53535	ORSZAG	SA	6-1480	PLASMA	57060	OSTEN VON DER W.		5-2625	OPT.EIG.FK	73
		6-2397	METAL.LEITG	71010			10- 386	HYDRODYNAM.	23040			7-2448	FK-SPEKTREN	73
OPPO	G	8-1028	STARKE WW.	41764	ORTALLI	I	11- 303	HYDRODYNAM.	23040			8-2464	FK-SPEKTREN	73
ORAEVSKII AN		3- 476	MASER, LASER	28000			2-1659	FK-SPEKTREN	73310			11-2092	KRIST.FEHL.	66
	VN	5-1583	PLASMA	57055	ORTENBERG VON M.		2-1660	FK-SPEKTREN	73310			11-2097	KRIST.FEHL.	66
		12- 62	TAGUNGEN	10555			1-2302	HALBLEITER	71566	OSTENBURG VAN D.O.		3-2035	FK-SPEKTREN	73
ORAEVSKY AN		6- 505	OPT.INSTRUM	28595			2-2475	FK-SPEKTREN	73330			6-2353	LEITFHGK.FK	70
		7- 594	MASER, LASER	28095	ORTH	CJ	2- 996	KERN-SPEKTR.	42575			9-2480	FK-SPEKTREN	73
ORAIFEARTAGH L.							7-1140	KERN-SPEKTR.	42575	OSTENSO	NA	1-2681	ERDKOERPER	90
		1- 131	QUANTENTHEO	16516		G	12-2038	FLUESSIGK.	58562	OSTER	B	12- 713	OPT.INSTRUM	28
		1- 920	STARKE WW.	41755	ORTHWEIN	WC	8- 359	ELASTIZIT.	22520		L	6-2980	KOSM.PHYSIK	94
		5- 131	QUANTENTHEO	16516	ORTHMAN	GC	1- 80	LABORTECHN.	12560			11-3399	STERNE	94
		8- 173	QUANTENTHEO	16516	ORTON	BR	10-1804	FLUESSIGK.	58510	OSTERAAS	AJ	7-1719	FLUESSIGK.	58
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ORANOVSKII VE		1-2572	OPT.EIG.FK	73645	ORUDZHEVA	SO	11-2222	GITTERDYN.	67060			11- 446	MASER, LASER	28
		3-2586	OPT.EIG.FK	73645	ORVILLE	RE	2-2751	LUFTHUELLE	90820			11- 462	MASER, LASER	28
ORAYEVSKY VN		5-1576	PLASMA	57055	ORZALESI	CA	6- 167	QU.FELDTHEO	17025	OSTERLE	F	9-1732	FLUESSIGK.	58
ORBACH	R	1-1955	GITTERDYN.	67020			6- 203	STATISTIK	17566		JF	2-1360	PLASMA	57
		1-2151	MAGN.EIG.FK	69065	OSADCHIEV	VM	12- 906	ELEMENTART.	41510	OSTERMIER	BJ	5-1717	GASE	58
		3-1900	GITTERDYN.	67000			11- 980	KERNSTRUKT.	42070	OSTERTAG	H	1- 50	BUECHER	11
		7-1812	KRISTALLE	65545	OSADCHIEV	VM	1- 994	KERNSTRUKT.	42050	OSTGAARD	E	12-1151	KERNSTRUKT.	42
		8-1855	KRISTALLE	65545	OSADCHIYEV	VM	12-1887	GASENTLADG.	57810	OSTRANDER	P	10-1070	KERN-SPEKTR.	42
		8-2516	FK-SPEKTREN	73355	OSADIN	BA	1-2170	LEITFHGK.FK	70010	OSTROBORODOVA V.V.		9-2345	PHOTOLEITG.	72
		8-2518	FK-SPEKTREN	73355	OSAKA	Y	9-2187	LEITFHGK.FK	70053			10-2655	FK-SPEKTREN	72
		9-1960	GITTERDYN.	67010			12-2657	LEITFHGK.FK	70053	OSTROFF	ED	10-2655	FK-SPEKTREN	72
		10-2262	MAGN.EIG.FK	69025	OSAKI	Y	1-2848	KOSM.PHYSIK	94570	OSTRONOV	MG	3-1517	GASE	58
ORBAN	M	11-2904	FK-SPEKTREN	73355	OSAKIEWICZ	J	9-1029	KERNREAKTIO	43046	OSTROUKHOV	AA	7-1947	KRIST.FEHL.	66
ORCHARD	SE	7- 786	KERN-MESSG.	40542	OSANTOWSKI	JF	12- 683	OPT.INSTRUM	28550	OSTROUMENKO	PP	9-1539	PLASMA	57
		3-2893	STERNE	94025	OSAWA	A	8-1049	STARKE WW.	41783			11-1829	GASENTLADG.	57
		3-2894	STERNE	94025	OSBORN	H	2- 695	ELEMENTART.	41520	OSTROYERKHOVA V.S.		4- 378	MECH.EIG.FK	61
ORCHARD WEBB J		7-1001	KERNSTRUKT.	42010			6- 157	QU.FELDTHEO	17010			10- 669	OPT.INSTRUM	28
		8-2007	KRIST.FEHL.	66073			12- 290	QU.FELDTHEO	17040	OSTROVSKAYA GV	OV	1- 590	MASER, LASER	28
ORCHARENKO VI		5- 114	VAKUUM	13025		RK	6- 192	STATISTIK	17540		LY	2-2500	FK-SPEKTREN	73
ORDANYAN SS		5-2461	HALBLEITER	71520			7- 716	PHYS.OPTIK	29066	OSTROVSKII LA		8-2567	FK-SPEKTREN	73
ORDONEZ J		7-1852	KRISTALLE	65588			12-1817	PLASMA	57085		L	4- 573	HF-TECHNIK	2
ORDYNSKAYA VV		12-2818	HALBLEITER	71580	OSBORNE	DW	3-1967	THERMEIG.FK	67510	OSTROVSKY	LA	11- 321	HYDRODYNAM.	2
OREAR	J	2- 785	STARKE WW.	41725			7-2075	THERMEIG.FK	67510		YI	2-1423	PLASMA	57
		9- 805	STARKE WW.	41725			9- 363	WAERME	24023	OSTROW	SM	3-2823	IONOSPHAERE	9
OREDSON	JN	11-3123	DUENNE SCHI	74050			10-2172	THERMEIG.FK	67510	OSTROWSKI	JW	2-2434	PHOTOLEITG.	72
OREHOTSKY HL		9-1837	KRIST.FEHL.	66015		FJF	2-1425	PLASMA	57206		KW	12- 844	KERN-MESSG.	40
OREILLY	DE	1-2027	DIELEKTRIKA	68030			4-2795	MAGNETOSPH.	91226			12- 886	KERN-MESSG.	40
		2-1976	DIELEKTRIKA	68030		JF	5-2444	HALBLEITER	71500	OSULLIVAN	D	10-1011	STARKE WW.	41
		4-1923	KRIST.FEHL.	66030		JL	5-2950	KOSM.PHYSIK	94530		WJ	2-2205	LEITFHGK.FK	71
		5-2177	FK-SPEKTREN	73370		L	7- 777	KERN-MESSG.	40532			3-1895	MECH.EIG.FK	61
		9-2517	FK-SPEKTREN	73370		LS	1- 934	STARKE WW.	41760			5-2347	LEITFHGK.FK	71
		12-3033	FK-SPEKTREN	73370			5- 837	ELEMENTART.	41574			8-2255	LEITFHGK.FK	71
	EJ	12-1580	MOLEKUELE	52510			8- 900	ELEMENTART.	41574			12-2618	LEITFHGK.FK	71
	W	3-2152	MAGN.EIG.FK	69060		P	9- 795	STARKE WW.	41700	OSYENSKII VB		7-2362	HALBLEITER	7
OREKIN	YK	12-2175	KRISTALLE	65572			10- 829	ELEMENTART.	41530			9-2285	HALBLEITER	7
OREM	M	8-2686	GRENZFL.FK	74535		PJK	6-1446	PLASMA	57050			12-2281	KRIST.FEHL.	6
OREN	Y	2- 827	STARKE WW.	41745	OSELEDCHIK	YS	4- 875	ELEMENTART.	41546	OSWALD	J	9-2256	METAL.LEITG	7
		3- 744	ELEMENTART.	41546	OSER	BT	7- 714	PHYS.OPTIK	29063	OSWATITSCH K		1- 322	HYDRODYNAM.	2
ORESHKIN	PT	1-2040	DIELEKTRIKA	68020	OSCHERIN	GM	10- 649	OPT.INSTRUM	28550			2- 284	HYDRODYNAM.	2
		11-2424	MAGN.EIG.FK	69045			2-1574	FLUESSIGK.	58550	OSYPENKO	VP	1-1782	FLUESSIGK.	5
ORESTAMO	FV	1-1280	K-REAKTOREN	43510	OSHEA	DC	11-2076	KRIST.FEHL.	66015	OTAKE	S	12-2762	HALBLEITER	7
ORIENT	OJ	7-1519	PLASMA	57030			1-2509	FK-SPEKTREN	73340	OTANI	Y	8-1639	PLASMA	57
ORIHARA	H	5-1167	KERNREAKTIO	43075			2-1514	GASE	58025	OTENYAZOV	E	3-1957	GITTERDYN.	6
		7- 829	BESCHLEUNIG	41010	OSHEN	S	6- 114	QUANTENTHEO	16530	OTGONSUREN	O	12- 811	KERN-MESSG.	4
ORIZET	A	5-1301	ATOME	52065	OSHEROV	VI	9-2202	LEITFHGK.FK	70070	OTHAZ	R	9- 953	KERN-S	

E	4-2136	FK-SPEKTREN	73365	OVSYANKIN	VV	9-2600	OPT.EIG.FK	73635	PADET	JP	6-310	WAERME	24060
	6-2460	HALBLEITER	71566	OVSYANNIKOV	AA	7-590	MASER,LASER	28060			7-398	WAERME	24050
	11-2684	HALBLEITER	71520		MI	12-3170	DUENNE SCHI	74010	PADHI	HC	7-132	KERNSPEKTR.	42570
J	1-2014	KRISTALLE	65545		LP	4-545	TEILCH.OPT.	27010	PADLEY	PJ	2-1304	PLASMA	57010
K	6-2624	DUENNE SCHI	74010	OVSYUK	ZS	9-2272	HALBLEITER	71520			4-503	THERMODYN.	24556
	6-2625	DUENNE SCHI	74010	OWAKI	N	11-3373	SONNENPHYS.	93328	PADMAYATHI	SV	4-900	ELEMENTART.	41563
M	1-1647	PLASMA	57093		S	7-665	OPT.INSTRUM	28586	PADO	GS	8-2083	GITTERDYN.	67060
	11-1781	PLASMA	57206	OWEN	AA	3-850	STARKE WW.	41764			8-2397	HALBLEITER	71540
S	1-946	STARKE WW.	41760		CS	7-2263	SUPRALEITG.	70520			10-2089	MECH.EIG.FK	66514
	8-1023	STARKE WW.	41760		DP	2-785	STARKE WW.	41725			11-2720	HALBLEITER	71540
	11-850	STARKE WW.	41740			9-805	STARKE WW.	41725			12-117	LABORTECHN.	12530
A	1-1514	POLYMERE	53510		DR	1-308	HYDRODYNAM.	23020	PADOVA	J	9-1685	FLUESSIGK.	58550
	6-1997	FLUESSIGK.	58550		DRJ	7-1908	KRIST.FEHL.	66035	PADOVANI	FA	12-2744	HALBLEITER	71505
	6-1885	KRIST.FEHL.	66025		EA	4-2015	GITTERDYN.	67020	PADUCHIKH	LI	7-560	MASER,LASER	28050
	8-1932	KRIST.FEHL.	66025			7-2042	GITTERDYN.	67040	PADUR	JP	1-2626	DUENNE SCHI	74060
	9-1839	KRIST.FEHL.	66020		J	10-2671	FK-SPEKTREN	73375			6-1346	MOLEKUELE	52575
E	6-506	PHYS.OPTIK	29000		K	4-2363	HALBLEITER	71566	PAESLER	M	10-59	BUECHER	11010
RJ	9-807	STARKE WW.	41710		LW	10-1182	KERNREAKTIO	43010	PAETZ GEN.SCHIECK	H.			
W	8-1622	PLASMA	57055		NL	3-1224	MOLEKUELE	52510			1-1239	KERNREAKTIO	43062
WR	1-722	KERN-MESSG.	40512		SJT	3-1609	KRISTALLE	65510			1-1240	KERNREAKTIO	43062
	3-1182	MOLEKUELE	52575		T	1-2805	PLANETEN	93614	PAFFRATH	L	5-623	OPT.INSTRUM	28545
	5-1249	ATOME	52070			7-2863	PLANETEN	93610	PAFOMOV	VE	5-482	ELEKTRODYN.	26540
	11-1416	ATOME	52024	OWEN JR.	HA	12-508	ELEKTIRIZIT.	26014	PAGANI	A	5-2788	GRENZFL.FK	74576
IANI	4-2340	HALBLEITER	71540	OWENS	BB	1-2415	HALBLEITER	71585	PAGE	DI	4-2012	GITTERDYN.	67020
PL	1-1009	KERNSTRUKT.	42075		RO	1-1043	KERNSPEKTR.	42545		JL	5-2219	MAGN.EIG.FK	69010
	11-1094	KERNSPEKTR.	42555			10-1063	KERNSPEKTR.	42530			12-3110	OPT.EIG.FK	73610
EW	1-1027	KERNSPEKTR.	42515			11-1042	KERNSPEKTR.	42540	PAGE JR.	JB	6-2529	FK-SPEKTREN	73330
	10-11	BIOGRAPHIEN	10213			1-1127	KERNSPEKTR.	42565			9-1952	GITTERDYN.	67010
	11-1061	KERNSPEKTR.	42545	OWNBY	PD	4-2536	DUENNE SCHI	74010	PAGEL	BEJ	2-2864	STERNE	94020
	11-1106	KERNSPEKTR.	42560	OWSTON	CN	4-515	ELEKTIRIZIT.	26016			7-2852	SONNENPHYS.	93300
BERG	2-1618	KRISTALLE	65516	OXBURGH	ER	12-3278	ERDKOERPER	90250	PAGELS	H	5-825	ELEMENTART.	41566
B	2-796	STARKE WW.	41730	OXENIUS	J	5-1534	PLASMA	57017			9-768	ELEMENTART.	41572
	2-886	STARKE WW.	41770	OYA	A	11-623	KERN-MESSG.	40580			10-849	ELEMENTART.	41563
	7-991	STARKE WW.	41775	OYAMA	A	7-1261	K-REAKTOREN	43520	PAGES	A	12-913	ELEMENTART.	41540
	11-809	STARKE WW.	41730			8-1254	K-REAKTOREN	43510			4-1087	KERNSPEKTR.	42535
S	12-903	BESCHLEUNIG	41040			9-1103	K-REAKTOREN	43510	PAGLIA LA	SR	5-1452	MOLEKUELE	52560
JR. FA	8-2337	SUPRALEITG.	70550		I	7-57	MESSEN	12215	PAGNAMENTA	A	1-874	STARKE WW.	41740
OM	7-1115	KERNSPEKTR.	42565		K	11-2803	PHOTOLEITG.	72510			2-174	QU.FELDTHEO	17030
ANGERS SU	5-1090	KERNSPEKTR.	42565			11-2804	PHOTOLEITG.	72510			9-201	QU.FELDTHEO	17030
ITTE EH	10-1343	K-REAKTOREN	43515	OZAKI	Y	8-1049	STARKE WW.	41783	PAGNIA	H	9-860	STARKE WW.	41760
EG	6-2900	PLANETEN	93630		H	11-2723	HALBLEITER	71540			3-1733	KRIST.FEHL.	66010
EGER C	2-1296	MOLEKUELE	52570		K	6-706	ELEMENTART.	41546			9-2653	DUENNE SCHI	74060
	2-1297	MOLEKUELE	52570		MA	8-1512	POLYMERE	53535	PAGTER DE	J	12-2816	HALBLEITER	71580
FR	6-1360	ATOME	52090			10-1717	PLASMA	57085		JK	8-900	ELEMENTART.	41574
	11-1071	KERNSPEKTR.	42550			12-1878	PLASMA	57266			11-725	ELEMENTART.	41550
A	3-2229	LEITFHOK.FK	70056		S	1-857	STARKE WW.	41725	PAHIN	JP	8-896	ELEMENTART.	41574
	6-1978	KRIST.FEHL.	66062			2-784	STARKE WW.	41725	PAHOR	J	7-1066	KERNSPEKTR.	42545
	7-1943	KRIST.FEHL.	66062			4-1012	STARKE WW.	41767			7-1298	ATOME	52022
G	3-943	KERNSPEKTR.	42550			5-909	STARKE WW.	41740		S	4-1299	K-REAKTOREN	43515
	7-1197	KERNREAKTIO	43054			11-917	STARKE WW.	41783			8-1282	KERNSTRHLG.	44010
GN	4-2483	OPT.EIG.FK	73610			12-1043	STARKE WW.	41740	PAI	HL	4-1219	KERNREAKTIO	43044
J	3-345	WAERME	24020	OZAWA	K	8-1953	KRIST.FEHL.	66030			5-1123	KERNREAKTIO	43024
K	3-1673	KRISTALLE	65572			8-2478	FK-SPEKTREN	73325	PAIC	ST	4-1472	MOLEKUELE	52534
	5-96	VAKUUM	13000			10-2048	KRIST.FEHL.	66062		B	2-1025	KERNREAKTIO	43042
BENGHI M	7-1784	FLUESSIGK.	58576			10-2121	MECH.EIG.FK	66553			8-1202	KERNREAKTIO	43044
ON	10-145	QUANTENTHEO	16516			10-2555	FK-SPEKTREN	73320	PAIDASSI	J	10-1224	KERNREAKTIO	43044
OWSKI S	10-995	STARKE WW.	41780		S	10-2681	FK-SPEKTREN	73325	PAIGE	EBS	11-2772	HALBLEITER	71585
ID	5-2521	PHOTOLEITG.	72500		T	4-1571	POLYMERE	53540			1-2351	HALBLEITER	71530
	10-2070	KRIST.FEHL.	66070			7-400	WAERME	24050			1-2352	HALBLEITER	71530
	12-2317	KRIST.FEHL.	66070		Y	12-723	PHYS.OPTIK	29010			1-2505	FK-SPEKTREN	73330
MANS JCH	3-940	KERNSPEKTR.	42545	OZELTON	MW	4-1815	FLUESSIGK.	58565			2-2243	LEITFHOK.FK	70072
C	6-2859	ASTROPHYSIK	93020	OZERETSKOVSKII	G.A.				PAIK	SF	10-2479	HALBLEITER	71540
LETTE RJ	7-1046	KERNSPEKTR.	42515			10-1787	GASE	58030	PAIK	M	2-454	MASER,LASER	28000
E	9-333	HYDRODYNAM.	23060	OZERNOY	LM	1-2838	KOSH.PHYSIK	94550	PAILLETTE		2-1597	FLUESSIGK.	58576
IER	3-83	LABORTECHN.	12580			2-2885	KOSH.PHYSIK	94560			12-2067	FLUESSIGK.	58570
VE VAN E	12-106	LABORTECHN.	12520			9-2995	KOSH.PHYSIK	94560	PAILLIER	L.E.	5-2551	FK-SPEKTREN	73325
EJ	12-383	MECHANIK	22034	OZEROFF	WJ	1-735	KERN-MESSG.	40542	PAILLIER	L.E.	11-2860	FK-SPEKTREN	73325
ER	6-2563	FK-SPEKTREN	73380	OZEROV	RP	3-1665	MAGN.EIG.FK	69000	PAILLIER	L.E.	2-1369	PLASMA	57033
ARENKO AA	7-1561	PLASMA	57075	OZHOGIN	VI	5-2211	FK-SPEKTREN	73360	PAIN	HJ	2-1369	PLASMA	57033
NN	11-2161	KRIST.FEHL.	66025			9-2136	MAGN.EIG.FK	69050	PAIR	SCHROTEN	LE H.G.H.		
ON	12-2716	SUPRALEITG.	70530	OZIER	I	8-1441	MOLEKUELE	52543			10-2203	THERMEIG.FK	67556
VI	7-1007	KERNSTRUKT.	42010			11-1478	ATOME	52085	PAIS	A	3-751	ELEMENTART.	41560
	9-928	KERNSPEKTR.	42525			11-1555	MOLEKUELE	52543			5-6	BIOGRAPHIEN	10216
AROV VP	10-2002	KRISTALLE	65588	OZSVATH	I	4-2902	KOSH.PHYSIK	94583			9-758	ELEMENTART.	41560
NNIKOV AO	4-2629	GRENZFL.FK	74535								10-826	ELEMENTART.	41510
AP	8-2706	GRENZFL.FK	74563								11-705	ELEMENTART.	41546
	9-2689	GRENZFL.FK	74535								1-1701	GASENTLADG.	57840
	12-2297	KRIST.FEHL.	66062	PAACKARI	T	7-1844	KRISTALLE	65584	PAITHANKAR	AS	7-2977	STRAHL.BIOL	97010
EP	4-852	BESCHLEUNIG	41040	PAAP	H	12-832	KERN-MESSG.	40550	PAITZ	J	2-2434	PHOTOLEITG.	72510
VM	1-704	PHYS.OPTIK	29063	PAASASSALO	P	3-1804	KRIST.FEHL.	66035	PAJACZKOWSKA	A	12-2025	FLUESSIGK.	58557
	6-414	MASER,LASER	28045	PACATI	FD	5-1044	KERNSPEKTR.	42540	PAJAK	Z	12-2357	MECH.EIG.FK	66545
YN	7-548	MASER,LASER	28045			6-899	KERNSTRUKT.	42075	PAJEWSKY	M	10-3130	BIOPHYSIK	96040
	5-1390	MOLEKUELE	52530			10-214	QUANTENTHEO	16575	PAJOT	B	9-2433	FK-SPEKTREN	73330
	9-2218	SUPRALEITG.	70520			11-775	STARKE WW.	41710	PAK	BS	4-2706	KOSH.STRLG.	90633
NNIKOVA T.L.	12-2576	MAGN.EIG.FK	69060	PACCANONI	F	10-214	QUANTENTHEO	16575		GT	7-560	MASER,LASER	28050
HKIN	8-1330	ATOME	52040			10-2331	MAGN.EIG.FK	69070	PAKHOMOV	LP	11-459	MASER,LASER	28050
VV	5-1899	FK-SPEKTREN	73310	PACCARD	D	7-2178	MAGN.EIG.FK	69060			2-1467	PLASMA	57266
BECK	6-2955	KOSH.PHYSIK	94540			10-2331	MAGN.EIG.FK	69070			2-2846	PLANETEN	93630
	8-2980	KOSH.PHYSIK	94540			11-2465	MAGN.EIG.FK	69060			4-1745	GASE	58025
BEEK	12-1994	FLUESSIGK.	58540	PACE	CN	12-1997	FLUESSIGK.	58543		PL	8-1633	PLASMA	57070
BEEK VAN J.					NG	5-434	THERMODYN.	24530			12-2493	DIELEKTRIKA	68030
	9-62	LABORTECHN.	12520			1-1843	KRISTALLE	65572	PAKHOMOVA	OS	4-758	PHYS.OPTIK	29053
BOOM	5-460	ELEKTIRIZIT.	26016	PACEY	DJ	11-14	TAGUNGEN	10525		SE	8-2475	FK-SPEKTREN	73325
END	3-1232	MOLEKUELE	52538			11-1786	PLASMA	57210	PAKIAH		3-2811	LUFTHUELLE	90880
	6-1251	MOLEKUELE	52510	PACHEVA	V	11-1787	PLASMA	57093	PAKIVASA	J	2-760	STARKE WW.	41700
	12-1624	MOLEKUELE	52536		Y	9-2983	KOSH.PHYSIK	94550			3-838	STARKE WW.	41755
HAUSER AW	6-1656	FLUESSIGK.	58525	PACHOLCZYK	AG	11-744	STARKE WW.	41764			5-945	STARKE WW.	41755
	11-2344	MAGN.EIG.FK	69025	PACIELLO	ML	11-807	STARKE WW.	41730			7-947	STARKE WW.	41753
	11-2386	MAGN.EIG.FK	69035			2-869	STARKE WW.	41760			8-871	ELEMENTART.	41546
LEY JC	3-707	BESCHLEUNIG	41000	PACINI	F	6-2933	STERNE	94060			12-915	ELEMENTART.	41540
	7-1235	KERNREAKTIO	43085			11-3451	KOSH.PHYSIK	94550	PAL	AK	2-1502	GASE	58020
MAN AR	8-1773	FLUESSIGK.	58546	PACIOTTI	JL	8							

PAL - PARICARD

PAL	MK	1- 978 KERNSTRUKT.	42020	PANASYUK	PV	7-1741 FLUESSIGK.	58550	PAOLUZI	L	10- 873 ELEMENTART.	41
		1-1000 KERNSTRUKT.	42070		VS	12- 895 BESCHLEUNIG	41030	PAPA	DC	8-2773 LUFTHUELLE	90
		6- 885 KERNSTRUKT.	42050	PANCHAPAKESAN	N.				RJ	12-1798 PLASMA	59
		6- 944 KERNSPEKTR.	42550			2- 707 ELEMENTART.	41546		T	1-1899 KRIST.FEHL.	66
		7-1093 KERNSPEKTR.	42550			8- 858 ELEMENTART.	41543	PAPADAKIS	AC	4-2231 LEITFHGK.FK	71
		11- 974 KERNSTRUKT.	42050			12- 955 ELEMENTART.	41566			2-2370 HALBLEITER	70
	S	7-2105 THERMEIG.FK	67556	PANCHARATNAM	S	10-1796 GASE	58060			3-2026 DIELEKTRIKA	68
	Y	1-2833 KOSM.PHYSIK	94530	PANCHEKHA	PA	11-3081 DUENNE SCHI	74020		EP	10-2519 PHOTOLEITG.	72
		7- 865 ELEMENTART.	41550	PANCHENKO	OA	3-2636 DUENNE SCHI	74040			6- 282 AKUSTIK	23
		9-2742 KOSM.STRLG.	90630	PANCHERI	G	5- 815 ELEMENTART.	41560	PAPADICHEV	VA	11-2218 GITTERDYN.	67
PALADINO	AE	4-2029 GITTERDYN.	70606	PANCZYK	MF	5-2215 MAGN.EIG.FK	69000	PAPAGEORGIOU	S	4- 852 BESCHLEUNIG	43
PALAGIN	LN	9-2028 THERMEIG.FK	67550	PANDE	LK	8- 988 STARKE WW.	41750		VF	5-1122 KERNREAKTION	41
PALANDRI	EM	8- 749 KERN-MESSG.	40503		LP	10- 938 STARKE WW.	41750	PAPAKIN		11- 42 UNTERRICHT	12
PALATHINGAL JC		1-1150 KERNSPEKTR.	42570		MC	8-2852 SONNENPHYS.	93320	PAPAPETROU	A	9- 228 FELDTHEORIE	18
		6- 907 KERNSPEKTR.	42515			9-2843 SONNENPHYS.	93314	PAPARODITIS	C	5-2714 DUENNE SCHI	74
PALATNIK	LS	4-2568 DUENNE SCHI	74030			9-2845 SONNENPHYS.	93320			6-2638 DUENNE SCHI	74
		7-2101 THERMEIG.FK	67550			7-2477 FK-SPEKTREN	73355			6-2650 DUENNE SCHI	74
		7-2102 THERMEIG.FK	67550	PANDHARIPANDE	V.A.			PAPAS	CH	11- 553 PHYS.OPTIK	25
		8-1899 KRISTALLE	65582			5- 377 WAERME	24010	PAPASTAMATIOU	N.J.		
		9-2631 DUENNE SCHI	74020		VR	1-1005 KERNSTRUKT.	42070			3- 838 STARKE WW.	41
		11-1968 KRISTALLE	65510			5-1068 KERNSPEKTR.	42555			5- 945 STARKE WW.	41
		11-1978 KRISTALLE	65518			7-1102 KERNSPEKTR.	42555			7- 971 STARKE WW.	41
		11-3064 DUENNE SCHI	74010	PANDIT	LK	11-1087 KERNSPEKTR.	42555	PAPATHEODOROU	G.N.		
		11-3081 DUENNE SCHI	74020			2- 690 ELEMENTART.	41510			8-1778 FLUESSIGK.	58
		11-3082 DUENNE SCHI	74020			3- 830 STARKE WW.	41753	PAPE	D	4- 762 PHYS.OPTIK	29
PALAZOV	B	11- 578 KERN-MESSG.	40512			10- 946 STARKE WW.	41753		L	3- 861 STARKE WW.	41
PALDUS	J	3-1250 MOLEKUELE	52528			11- 706 ELEMENTART.	41546			5- 894 STARKE WW.	41
		9-1286 MOLEKUELE	52516			12- 940 ELEMENTART.	41546			5- 896 STARKE WW.	41
PALENCIA	ES	2-1363 PLASMA	57045	PANDORF	RC	8-1736 FLUESSIGK.	58527			6- 835 STARKE WW.	41
PALER	K	6- 818 STARKE WW.	41764			12-2416 THERMEIG.FK	67510	PAPPE	DE	7-1856 KRISTALLE	65
		8- 968 STARKE WW.	41730	PANDYA	NS	3-1625 KRISTALLE	65518	PAPENHUIJZEN	J.M.P.		
PALERMO	CJ	11- 902 STARKE WW.	41775		SP	3- 942 KERNSPEKTR.	42550			8-1762 FLUESSIGK.	58
PALETTA	S	2- 571 PHYS.OPTIK	29010			12-1167 KERNSTRUKT.	42070	PAPERLEIN	D	3-2796 LUFTHUELLE	90
		4-1712 PLASMA	57235			12-1169 KERNSTRUKT.	42070	PAPERLEIN	J	8-2808 IONOSPHERE	91
PALEV	C	10- 771 BESCHLEUNIG	41010		TP	1- 648 OPT.INSTRUM	20570	PAPIAU	AM	7-1015 KERNSTRUKT.	42
		10- 869 ELEMENTART.	41572	PANEK	T	2-1080 KERNREAKTION	43080	PAPIERNIK	A	5- 786 BESCHLEUNIG	41
		10- 884 STARKE WW.	41710			12-1409 KERNREAKTION	43092			9- 713 BESCHLEUNIG	41
PALEVSKY	CD	9- 182 QU.FELDTHEO	17015	PANERELLA	E	9-1534 PLASMA	57206			12- 892 BESCHLEUNIG	41
	H	4- 817 KERN-MESSG.	40548	PANFILOV	SA	10-1754 PLASMA	57250	PAPINEAU	A	3- 877 KERNSTRUKT.	42
		4-1023 STARKE WW.	41783	PANG	SC	7- 138 QUANTENTHEO	16516			4-1087 KERNSTRUKT.	42
		4-1236 KERNREAKTION	43052	PANIN	VE	1-1938 MECH.EIG.FK	66545			10-1264 KERNREAKTION	43
		5-1148 KERNREAKTION	43050			9-2022 THERMEIG.FK	67550			10-1291 KERNREAKTION	43
		5-1149 KERNREAKTION	43050			10-2294 MAGN.EIG.FK	69040			1-1063 KERNSPEKTR.	42
		5-1157 KERNREAKTION	43054			11- 268 ELASTIZIT.	22530			1-1128 KERNSPEKTR.	42
		7-1269 KERNSTRHLG.	44010			11-2257 THERMEIG.FK	67553			10-1260 KERNREAKTION	43
		11- 906 STARKE WW.	41780			12-2449 THERMEIG.FK	67553			10-1276 KERNREAKTION	43
PALFREY JR.	TR	3- 793 STARKE WW.	41725		VI	6- 587 KERN-MESSG.	40532	PAPINI	F	3- 563 OPT.INSTRUM	28
PALIK	ED	1-2218 LEITFHGK.FK	70056		WE	9-1828 KRISTALLE	65588		G	5- 252 FELDTHEORIE	18
		1-2529 OPT.EIG.FK	73610	PANISH	MB	5-1956 KRIST.FEHL.	66025			7- 264 FELDTHEORIE	18
		1-2531 OPT.EIG.FK	73610			5-2673	73560			11-2622 SUPRALEITG.	70
		5-1412 MOLEKUELE	52538			7-1848 KRISTALLE	65588	PAPIRER	E	8-2694 GRENZFL.FK	74
		7- 726 PHYS.OPTIK	29080			11-3032 OPT.EIG.FK	73640	PAPKOV	VS	3- 506 MASER,LASER	28
PALIOV	A	12- 666 OPT.INSTRUM	28526	PANITZ	JA	7- 472 TEILCH.OPT.	27040			8- 591 MASER,LASER	28
PALISTRANT	AF	8- 216 QUANTENTHEO	16572	PANIZZA	E	1-2466 FK-SPEKTREN	73325	PAPON		3- 323 HYDRODYNAM.	23
	ME	5-1900 KRISTALLE	65560			5-2519 PHOTOLEITG.	72510			5- 351 HYDRODYNAM.	23
PALIT	P	10-2432 SUPRALEITG.	70520	PANKEVICH	ZV	1-2038 DIELEKTRIKA	68050		P	1-2055 FK-SPEKTREN	73
	SR	12-1109 STARKE WW.	41764	PANKEY	T	10-2767 DUENNE SCHI	74020			3- 323 HYDRODYNAM.	23
		5-1522 POLYMERE	53542			12-3160 DUENNE SCHI	74010			5- 351 HYDRODYNAM.	23
		7-1721 FLUESSIGK.	58540	PANKEY JR.	T	8-2153 MAGN.EIG.FK	69010			5-2383 FK-SPEKTREN	73
		12-2056 FLUESSIGK.	58565	PANKIN	VG	5-2459 HALBLEITER	71520	PAPOLAR	M	7-2060 GITTERDYN.	67
		12-2057 FLUESSIGK.	58568	PANKOVE	JL	1-2554 OPT.EIG.FK	73650			11- 550 PHYS.OPTIK	29
PALJK	S	6-2810 LUFTHUELLE	90890			10- 587 MASER,LASER	28050		R	5-1255 ATOME	52
PALKE	WE	3-1215 MOLEKUELE	52514	PANKRATIEV	YI	10-2729 OPT.EIG.FK	73645			11-1837 GASENTLADG.	57
PALKIN	AM	1-2342 HALBLEITER	71530	PANKRATOV	AK	6-1559 PLASMA	57270	PAPOULIS	A	2- 572 PHYS.OPTIK	29
		9-1948 MECH.EIG.FK	66556		OS	3-2766 KOSM.STRLG.	90633	PAPOUSEK	D	5-1372 MOLEKUELE	52
PALKO	AA	5-1820 FLUESSIGK.	58570			11-1694 PLASMA	57045	PAPPADEMOS	JM	7- 936 STARKE WW.	41
PALLESSEN	MR	5-2772 GRENZFL.FK	74550	PANKRATOVA	LN	11-1102 KERNSPEKTR.	42555	PAPPALARDO	G	5-1140 KERNREAKTION	43
PALM	II	8-2904 PLASMA	93640	PANKRATZ	JM	8-1991 KRIST.FEHL.	66065	PAPPERT	RA	11-3332 IONOSPHERE	91
		7- 326 HYDRODYNAM.	23020	PANNETIER	G	9-1819 KRISTALLE	65584	PAPUNASHVILI	K.I.	12-3213 DUENNE SCHI	74
PALMBERG	PW	3-2600 DUENNE SCHI	74010			8- 912 ELEMENTART.	41576	PAPUREANU	S	2- 683 BESCHLEUNIG	41
		4-2558 DUENNE SCHI	74020	PANOFISKY	WKH	9- 714 BESCHLEUNIG	41030	PAQUET	H	3-2525 FK-SPEKTREN	73
PALMER	CH	8- 707 PHYS.OPTIK	29035			9-1046 KERNREAKTION	43056		JG	8- 562 HF-TECHNIK	27
	DW	12-2291 KRIST.FEHL.	66060	PANONTIN	JA	9-1047 KERNREAKTION	43056	PAQUETTE	C	4- 730 PHYS.OPTIK	29
	HB	8-1348 ATOME	52065			9-2028 THERMEIG.FK	67550	PARACCHINI	C	9-2616 OPT.EIG.FK	73
		8-1464 MOLEKUELE	52570	PANOV	AS	9-2028 THERMEIG.FK	67550	PARAMONOVA	TA	11-1696 PLASMA	57
	HP	6-2853 ASTROPHYSIK	93020		MN	1-1439 ATOME	52065	PARANGTOPO		7-2414 FK-SPEKTREN	73
	LH	8-2316 SUPRALEITG.	70550		NG	2-1186 ATOME	52065	PARANJAPPE	BV	8-2289 LEITFHGK.FK	70
	MA	3-2806 LUFTHUELLE	90870	PANOVA	TN	11- 371 ELEKTRIZIT.	26060			10-2475 HALBLEITER	71
	ML	8- 790 KERN-MESSG.	40555		AN	2-2716 GEOMAGNET.	90430		VV	3-2236 LEITFHGK.FK	70
	P	3-2908 KOSM.PHYSIK	94520		OK	8-2595 OPT.EIG.FK	73625			8-2289 LEITFHGK.FK	70
		9-2991 KOSM.PHYSIK	94550			4-2319 METAL.LEITG	71010	PARCELL	LA	10-2475 HALBLEITER	71
	RB	5- 968 STARKE WW.	41764			7-2301 METAL.LEITG	71015	PARCO DU	RP	6-1230 ATOME	52
	RS	10- 994 STARKE WW.	41775	PANT	YI	2-2333 HALBLEITER	71520	PARDEE	WJ	9- 114 QUANTENTHEO	16
	W	1- 737 KERN-MESSG.	40542	PANTALONI	AK	9-1817 KRISTALLE	65584	PARDHASARADHI	T.V.		
		9- 95 VAKUUM	13030	PANTELEEV	VA	1-2221 HALBLEITER	71530			12- 663 OPT.INSTRUM	28
PALMES	ED	3-2110 MAGN.EIG.FK	69035	PANTELL	PH	2-1753 KRIST.FEHL.	66025	PARDUE JR.	AL	11- 437 MASER,LASER	28
PALMIERI	G	5- 882 STARKE WW.	41725		R	1- 560 MASER,LASER	28045	PARDY	D	10-2907 LUFTHUELLE	90
	JN	10-1900 DISP.SYST.	59530			3-1252 MOLEKUELE	52560	PARFENEV	RV	1-2316 HALBLEITER	71
		11-3471 BIOPHYSIK	96040		RH	3-1592 FLUESSIGK.	58570	PARFENEVA	LS	2-2332 HALBLEITER	71
		5-1132 KERNREAKTION	43040			5- 548 MASER,LASER	28040	PARFENIEV	RV	7-2383 PHOTOLEITG.	72
PALMONARI	F	3- 734 ELEMENTART.	41543			5-2607 FK-SPEKTREN	73340	PARFENOV	AI	12-1983 FLUESSIGK.	58
		6- 554 KERN-MESSG.	40512			10- 614 MASER,LASER	28060		BV	8-1685 GASENTLADG.	57
PALMORE	J	9- 253 MECHANIK	22010	PANTOJA	A	12-2935 FK-SPEKTREN	73340		YV	3- 783 STARKE WW.	41
PALMS	JM	5-1082 KERNSPEKTR.	42565	PANTON	R	7-2767 IONOSPHERE	91020			8- 871 STARKE WW.	41
		6- 593 KERN-MESSG.	40540	PANTONY	DA	8- 378 HYDRODYNAM.	23020	PARFENOVA	NM	5-2270 MAGN.EIG.FK	69
		11-1013 KERNSPEKTR.	42510	PANTULU	PV	4- 168 VAKUUM	13030		VP	4-1855 KRISTALLE	65
		11-1024 KERNSPEKTR.	42525			3-1666 KRISTALLE	65560			10-1157 KERNSPEKTR.	42
PALOCZ	I	3- 434 HF-TECHNIK	27530			5-1902 KRISTALLE	65560	PARFIANOVICH	I.A.		
PALS	JA	5- 816 ELEMENTART.	41560			11-2903 FK-SPEKTREN	73345			8-2596 OPT.EIG.FK	73
PALTENGI	VJ	8-1928 KRIST.FEHL.	66015	PANTUYEV	VS	3- 696 KERN-MESSG.	40505			10-2723 OPT.EIG.FK	73
PALTOV	VA	8- 420 AKUSTIK	23520	PANYAN	MB	6- 606 KERN-MESSG.	40570			11-3034 OPT.EIG.FK	73
PALUMBO	D	8-1593 PLASMA	57042	PAO	SKP	9- 336 HYDRODYNAM.	23070	PARFITT	GD	2-2668 GRENZFL.FK	74
	LJ	9-1208 ATOME	52047		YH	1- 639 OPT.INSTRUM	28590			9-1624 DISP.SYST.	59
PALYVOS	J	8-1722 FLUESSIGK.	58530			4- 367 ELASTIZIT.	22520		HT	7-2123 DIELEKTRIKA	68
	JA	3-1536 FLUESSIGK.	58520			11-1949 FLUESSIGK.	58573	PARGAMANIK	LE	11- 604 KERN-MESSG.	40
		11-1921 FLUESSIGK.	58546		YP	8- 288 STATISTIK	17523	PARGETER	FWJ	6-2025 MECH.EIG.FK	66
PAN	PJ	2- 977 KERNSPEKTR.	42560			12- 231 QUANTENTHEO	16572	PARHAM	DV	10- 106 LABORTECHN.	12
	SK	2- 2695 ERDKOERPER	90210	PAOLETTI	A	3-2122 MAGN.EIG.FK	69040	PARIA		2- 241 ELASTIZIT.	22
	YF	9- 377 WAERME	24050	PAOLI	G	1- 715 KERNPHYSIK	40000		H	1-2311 HALBLEITER	71
PANAITESCU	YL	4-1015 STARKE WW.	41773		TL	7- 641 OPT.INSTRUM	28550			10-2477 HALBLEITER	71
PANARELLA	E	8- 825 BESCHLEUNIG	41040	PAOLINI	FR	3-2844 MAGNETOSPH.	91230	PARICARD	O	6-2640 DUENNE SCHI	

PARIISKII - PATRICK

SSKII VB	11-2118	KRIST.FEHL.	66035	PARLIER B	12-3306	KOSM.STRLG.	90630	PASINETTI LE	9-2906	PLANETEN	93650
SSKY YN	10-3115	KOSM.PHYSIK	94580	PARMENTER CS	11- 66	VAKUUM	13030	PASK C	1- 974	KERNSTRUKT.	42010
HH JC	1-1001	KERNSTRUKT.	42070	PARMENTER RH	9-2236	SUPRALEITG.	70520	PASKAL YI	11-2207	MECH.EIG.FK	66556
	2- 955	KERNSTREKT.	42545		10-2417	SUPRALEITG.	70510	PASKIN A	6-1638	FLUESSIGK.	58920
	4-1060	KERNSTRUKT.	42070	PARNELL TM	9- 85	VAKUUM	13020		6-1639	FLUESSIGK.	58920
	11-1059	KERNSTREKT.	42545	PARODI M	4- 451	AKUSTIK	23530		6-1734	FLUESSIGK.	58565
IS ES	6-2719	GRENZFL.FK	74560		10- 408	AKUSTIK	23530		8-1771	FLUESSIGK.	58546
CH DP	7-1199	KERNREAKTIO	43056		5-1525	POLYMERE	53546	PASLAWSKII ES	6-1474	PLASMA	57055
	1- 660	PHYS.OPTIK	29010		7-1965	KRIST.FEHL.	66076	PASLAY PR	3- 327	HYDRODYNAM.	23070
	3- 607	PHYS.OPTIK	29010	PARR HG	5-1355	MOLEKUELE	52510	PASQUALE DE	6- 435	MASER,LASER	28060
	8- 664	OPT.INSTRUM	28570	RG	3-1121	ATOME	52010	F	4-2606	GRENZFL.FK	74520
DT P	8- 79	UNTERRICHT	12035		3-1207	MOLEKUELE	52512	PASQUALINI L	2-1010	KERNREAKTIO	43026
	1-1159	KERNSTREKT.	42575		6-1312	MOLEKUELE	52570		9-1009	KERNREAKTIO	43024
	2- 985	KERNSTREKT.	42565		7-1384	MOLEKUELE	52512	PASQUARELLI A	1-1207	KERNREAKTIO	43046
	2- 986	KERNSTREKT.	42565		8-1376	MOLEKUELE	52510		2-1037	KERNREAKTIO	43046
	3- 981	KERNSTREKT.	42565		9-1276	MOLEKUELE	52514		4-1220	KERNREAKTIO	43046
	4-1141	KERNSTREKT.	42565		12- 200	QUANTENTHEO	16526		12-1331	KERNREAKTIO	43040
	5-1084	KERNSTREKT.	42565	PARRAVICINI GP	2-2188	LEITFHGK.FK	70026	PASQUIER JY	9- 117	QUANTENTHEO	16516
	5-1089	KERNSTREKT.	42565	PARRENT JR. GB	7- 674	PHYS.OPTIK	29010	PASSAGLIA E	3- 550	OPT.INSTRUM	28510
ET C	6-2208	FK-SPEKTREN	73355		8- 698	PHYS.OPTIK	29015	PASSATORE G	6- 676	ELEMENTART.	41543
HH JL	9-1049	KERNREAKTIO	43058	PARRINI G	1- 955	STARKE WW.	41764		9- 998	KERNREAKTIO	43010
OT G	11-1283	KERNREAKTIO	43058		10- 982	STARKE WW.	41764		12-1309	KERNREAKTIO	43010
SKAYA LN	6-2545	FK-SPEKTREN	73330	PARRISH PT	1-2047	FK-SPEKTREN	73370	PASSAVANTI J	12-2317	KRIST.FEHL.	66070
SKII LG	4-1907	KRIST.FEHL.	66020	W	6-1839	KRISTALLE	65572	PASSEGGI MC	5-1876	KRISTALLE	65545
	3-2254	LEITFHGK.FK	70060		8- 635	OPT.INSTRUM	28535	PASSELL L	10-1240	KERNREAKTIO	43048
	5-2524	PHOTOLEITG.	72500	PARROT R	3- 426	TEILCH.OPT.	27068	PASSENHEIM BC	3-1968	THERMEIG.FK	67510
	5-2525	PHOTOLEITG.	72500	PARROUR G	7- 883	ELEMENTART.	41576	PASSERIEUX JP	7-1220	KERNREAKTIO	43068
JC	11- 804	STARKE WW.	41730	PARRY RS	5-2129	THERMEIG.FK	67553		10-1261	KERNREAKTIO	43054
JG	3-2284	SUPRALEITG.	70520		9-1851	KRIST.FEHL.	66025	PASSI JN	2- 852	STARKE WW.	41755
	3-2337	SUPRALEITG.	70550		3-1218	MOLEKUELE	52514	PASSMAN SL	11- 293	HYDRODYNAM.	23020
JJH	5-1099	KERNSTREKT.	42570		5-1750	FLUESSIGK.	58525	PASSON B	2-2094	MAGN.EIG.FK	69035
JN	9-2297	HALBLEITER	71540	PARRY DE T	9- 707	BESCHLEUNIG	41020	PASSOW H	5-1782	FLUESSIGK.	58546
JY	10-1181	KERNREAKTIO	43010	PARSA B	9- 972	KERNSTREKT.	42560	PASTERNAK BS	7- 736	KERN-MESSG.	40503
K	1-2691	ERDKOERPER	90260	PARSAMIAN ES	12-3440	STERNE	94040	PASTERNAK M	5-1920	KRISTALLE	65584
PJD	12-2937	FK-SPEKTREN	73340	PARSCHE H	6-1240	ATOME	52070		7-2400	FK-SPEKTREN	73310
YS	1-2203	LEITFHGK.FK	70053	PARSHAD R	12-3203	DUENNE SCHI	74040	PASTEUR J	5- 650	OPT.INSTRUM	28570
	7-1217	KERNREAKTIO	43066	PARSHIKURA SN	3- 736	ELEMENTART.	41543	PASTINE DJ	1-1998	THERMEIG.FK	67540
	11-2789	PHOTOLEITG.	72510	PARSHIN VK	10-2739	OPT.EIG.FK	73670		2-1825	MECH.EIG.FK	66514
WC	8- 56	UNTERRICHT	12025	PARSIGNAULT DR	5-1104	KERNSTREKT.	42575		10-2191	THERMEIG.FK	67540
BM	12-1945	FLUESSIGK.	58520		12-1196	KERNSTREKT.	42540	PASTOR J	9- 603	PHYS.OPTIK	29035
CJ	12- 36	BIOGRAPHIEN	10230		12-1355	KERNREAKTIO	43054	PASTOR JR	9- 487	MASER,LASER	28000
D	12-2677	HALBLEITER	71520	PARSONS BJ	10- 677	OPT.INSTRUM	28595	PASTRNAK J	3- 472	MASER,LASER	28000
DL	6-2121	THERMEIG.FK	67530	JL	4-2464	FK-SPEKTREN	73340		6-2434	HALBLEITER	71540
EHC	5-1769	FLUESSIGK.	58540		4-2465	FK-SPEKTREN	73340	PASTUR LA	12-2278	KRIST.FEHL.	66035
EN	3-2845	MAGNETOSPH.	91270	JR	5-1911	KRISTALLE	65574	PASYNKOV VV	2-2603	DUENNE SCHI	74030
	3-2847	MAGNETOSPH.	91280	MK	5-2463	HALBLEITER	71530		4-2371	HALBLEITER	71570
	4-2867	KOSM.PHYSIK	94520	RG	2-1152	ATOME	52020	PASYUK AS	10-1762	GASENTLADG.	57850
	4-2868	KOSM.PHYSIK	94520		6-1192	ATOME	52027	PASZTOR B	4-1825	FLUESSIGK.	58576
	4-2869	KOSM.PHYSIK	94520		11- 726	ELEMENTART.	41550	PATAKI G	11-3154	GRENZFL.FK	74510
	5-2867	MAGNETOSPH.	91250	RR	6-2535	FK-SPEKTREN	73330		6-2436	HALBLEITER	71540
	6-2776	KOSM.STRLG.	90630		7-2442	FK-SPEKTREN	73330		10-2493	HALBLEITER	71566
	7-2724	KOSM.STRLG.	90633	RW	11-1569	MOLEKUELE	52562	PATANKAR SV	5- 391	WAERME	24050
	7-2908	KOSM.PHYSIK	94500	PARTENSKY A	1- 872	STARKE WW.	41735	PATASHINSKY AZ	7- 236	STATISTIK	17535
	11- 38	UNTERRICHT	12025		11- 978	KERNSTRUKT.	42060		9- 403	THERMODYN.	24530
	12-3308	KOSM.STRLG.	90636	PARTHASARADHI K.				PATAU JP	7-1767	FLUESSIGK.	58565
FL	7-1262	K-REAKTOREN	43560		2-1009	KERNREAKTIO	43020	PATCH RW	6-2918	STERNE	94025
	8-1272	K-REAKTOREN	43560		4-1202	KERNREAKTIO	43024		11-1496	MOLEKUELE	52512
GW	1-1449	MOLEKUELE	52512		6-1145	KERNSTRHLG.	44020	PATE BD	3- 676	KERN-MESSG.	40520
J	12-2245	KRIST.FEHL.	66025		6-1972	KRIST.FEHL.	66060		4- 793	KERN-MESSG.	40520
JB	7- 750	KERN-MESSG.	40518		7-1170	KERNREAKTIO	43040		10-1110	KERNSTREKT.	42550
	12- 765	KERN-MESSG.	40503		11-1207	KERNREAKTIO	43028	PATEL AR	2-1778	KRIST.FEHL.	66035
JD	6- 270	HYDRODYNAM.	23050		11-1373	KERNSTRHLG.	44020		4-1938	KRIST.FEHL.	66035
JL	1- 718	KERN-MESSG.	40510	PARTHASARATHY B.					4-1985	MECH.EIG.FK	66516
LW	4-2720	LUFTHUELLE	90815		7-2788	IONOSPHAERE	91050		7-1969	MECH.EIG.FK	66545
PD	2-1046	KERNREAKTIO	43052		7-2714	GEOMAGNET.	90470		9-2662	GRENZFL.FK	74520
	3- 707	BESCHLEUNIG	41000		10-1955	KRISTALLE	65560		10- 110	LABORTECHN.	12570
	11- 942	KERNSTRUKT.	42010	PARTRIDGE S	5-2961	KOSM.PHYSIK	94560		10-2804	GRENZFL.FK	74520
	11-1255	KERNREAKTIO	43052		5-2971	KOSM.PHYSIK	94580	CKN	11-2122	KRIST.FEHL.	66040
PM	3-2033	FK-SPEKTREN	73370		6-2961	KOSM.PHYSIK	94550		5-1725	GASE	58060
	9-1302	MOLEKUELE	52530		8-3004	KOSM.PHYSIK	94580		10-2603	FK-SPEKTREN	73340
R	4- 468	WAERME	24026	PARVAN R	7-1633	GASENTLADG.	57840		12-1695	MOLEKUELE	52585
RH	3- 706	KERN-MESSG.	40584	PARVOV VE	6-1787	KRISTALLE	65510	J	5-1364	MOLEKUELE	52512
RL	5-2800	ERDKOERPER	90260	VF	3-1612	KRISTALLE	65510	JR	2-1816	MECH.EIG.FK	66545
RP	7-2976	STRAHLB.BIOL	97010		8-2583	OPT.EIG.FK	73610		12-2160	KRISTALLE	65572
TJ	3-1760	KRIST.FEHL.	66025	PARYGIN VN	7- 280	MECHANIK	22010	MM	3-1214	MOLEKUELE	52512
	3-1761	KRIST.FEHL.	66025	PASCAL M	10- 782	BESCHLEUNIG	41010		7-1411	MOLEKUELE	52526
	12-2226	KRIST.FEHL.	66015	PASCALAU H	2-2625	DUENNE SCHI	74060		8-2480	FK-SPEKTREN	73325
WH	4- 506	ELEKTRIZIT.	26000		11-2929	FK-SPEKTREN	73360	ND	10-2599	FK-SPEKTREN	73330
ER JR. JH	9-2411	FK-SPEKTREN	73325	PASCARD H	12-2990	FK-SPEKTREN	73355	SA	5-2038	MECH.EIG.FK	66545
	10-2605	FK-SPEKTREN	73340	PASCARU I	5-1405	MOLEKUELE	52536	SM	10- 110	LABORTECHN.	12570
ES DA	5-1269	ATOME	52040	PASCAT B	4-1858	KRISTALLE	65545	VL	11-3347	MAGNETOSPH.	91260
IN DF	9-2756	LUFTHUELLE	90820	PASCHALIS E	12-3074	FK-SPEKTREN	73370		12-3296	GEOMAGNET.	90450
INS MW	10- 796	BESCHLEUNIG	41020	PASCHENKO VP	7-1538	PLASMA	57053		12-3377	MAGNETOSPH.	91270
RN EM	7-1980	MECH.EIG.FK	66514		7-1539	PLASMA	57053	PATERA J	1- 130	QUANTENTHEO	16516
INSON RM	4-1353	ATOME	52024		4-2556	DUENNE SCHI	74020		11- 81	QUANTENTHEO	16516
	GJ	12- 131	LABORTECHN.	PASCHOFF N	4-2557	DUENNE SCHI	74020	PATERSON JM	8- 903	ELEMENTART.	41574
	JB	2-2074	MAGN.EIG.FK		7-1171	KERNREAKTIO	43040	MP	12-3281	ERDKOERPER	90260
	M	6- 813	STARKE WW.	PASCU L	3- 165	QUANTENTHEO	16575	N	8- 934	STARKE WW.	41710
		11- 883	STARKE WW.	PASCUAL P	7- 845	ELEMENTART.	41543	PATH AN	3-1245	MOLEKUELE	52560
PDS	8- 76	UNTERRICHT	12035		6- 671	ELEMENTART.	41543		3-1246	MOLEKUELE	52560
T	12-3302	GEOMAGNET.	90470		12-1115	STARKE WW.	41764		5-1436	MOLEKUELE	52524
TF	2- 666	KERN-MESSG.	40584	PASECHNIK LL	7-1561	PLASMA	57075	KN	1-1943	GITTERDYN.	67020
WC	3-1077	KERNREAKTIO	43068		8-1666	PLASMA	57210		3-1856	MECH.EIG.FK	66500
WH	2-1154	ATOME	52024		4-1225	KERNREAKTIO	43046	PATHRIA RK	4- 318	FELDTHEORIE	18030
	10-1409	ATOME	52024		10-1216	KERNREAKTIO	43040		7-1692	FLUESSIGK.	58525
DE	5- 415	WAERME	24050		11-1141	KERNSTREKT.	42565	PATI JC	1- 805	ELEMENTART.	41546
EK	7-1465	MOLEKUELE	52575		4-2349	HALBLEITER	71540		9- 733	ELEMENTART.	41540
GK	9-2721	GEOMAGNET.	90440		6-1435	PLASMA	57040	PATIL SH	1- 919	STARKE WW.	41755
	9-2722	GEOMAGNET.	90440	PASHCHENKO NT	1-1659	PLASMA	57203		4-1011	STARKE WW.	41767
	9-2723	GEOMAGNET.	90440	PASHENKO VP	3-1458	PLASMA	57256	PATLA N	12- 789	KERN-MESSG.	40518
JA	5- 463	ELEKTRIZIT.	26040	PASHINTSEV YI	10-2500	HALBLEITER	71570	CS	10-1849	FLUESSIGK.	58546
	12- 696	OPT.INSTRUM	28570	PASHITSKII EV	4-1713	PLASMA	57235	IK	6- 681	ELEMENTART.	41546
RD	1-2266	SUPRALEITG.	70530	PASHKIN SA	12-1781	PLASMA	57055	B	11- 608	KERN-MESSG.	40555
	1-2271	SUPRALEITG.	70520	PASHKOV VA	4- 649	MASER,LASER	28060		2-1468	PLASMA	57250
	4-2278	SUPRALEITG.	70520		4-1789	FLUESSIGK.	58540	PATON A	6-2671	DUENNE SCHI	74050
	6-2369	SUPRALEITG.	70520		1-2082	FK-SPEKTREN	73355		10-2356	LEITFHGK.FK	70076
	8-2320	SUPRALEITG.	70520	PASHKOVSKII MV	2-1763	KRIST.FEHL.	66030	BE	3- 720	ELEMENTART.	41510
SI	7-2503	FK-SPEKTREN	73370		2-2471	OPT.EIG.FK	73605	JE	3- 825	STARKE WW.	41733
VJ	10- 658	OPT.INSTRUM	28560		9-2497	FK-SPEKTREN	73355	PATRAKOVA AY	5-2664	OPT.EIG.FK	73645
H	1										

PATRICK - PEISL

PATRICK	R	10-1674	PLASMA	57045	PAUTRAT	M	10-1140	KERNSPEKTR.	42560	PEARSON	GA	1-1551	PLASMA	5
	RM	12-1861	PLASMA	57253	PAUTY	M	6-2684	DUENNE SCHI	74060			4-1656	PLASMA	5
PATRIN	NA	11- 407	HF-TECHNIK	27530	PAUWELS	HJ	3- 490	MASER, LASER	28035		GL	1-2387	HALBLEITER	7
PATRY	JP	11- 794	STARKE WW.	41725	PAVAGEAU	J	2- 596	PHYS.OPTIK	29055			2-1644	KRISTALLE	6
PATSAKOS	G	9- 859	STARKE WW.	41760			2- 602	PHYS.OPTIK	29060			10-2569	FK-SPEKTREN	7
PATT	HJ	1-1525	PLASMA	57200			3- 603	PHYS.OPTIK	29000			11-2088	KRIST.FEHL.	6
PATTEN	FW	12-2311	KRIST.FEHL.	66065	PAVER	N	11- 774	STARKE WW.	41710			11-2264	THERMEIG.FK	6
PATTENGILL	M	11-1576	MOLEKUELE	52570	PAVEY	A	11-2182	MECH.EIG.FK	66545		JE	12-1650	MOLEKUELE	5
PATTER VAN	DM	1-1087	KERNSPEKTR.	42550	PAVINSKY	PP	12- 202	QUANTENTHEO	16526		JJ	2-1641	KRISTALLE	6
		4-1251	KERNREAKTIO	43056	PAVLENKO	AV	2-1913	GITTERDYN.	67060			2-1642	KRISTALLE	6
		11-1062	KERNSPEKTR.	42545		EA	11-1141	KERNSPEKTR.	42565			12-2137	KRISTALLE	6
PATTERSON	A	8-2321	SUPRALEITG.	70550			11-1235	KERNREAKTIO	43048		JM	3- 888	KERNSTRUKT.	4
	AL	3- 7	BIOGRAPHIEN	10215	PAVLICHENKO	OS	6-1473	PLASMA	57055			4-1038	KERNSTRUKT.	4
	DA	6-2318	LEITFHOK.FK	70053		VI	8-1691	GASENTLADG.	57840		RF	5-2219	MAGN.EIG.FK	6
		7-1897	KRIST.FEHL.	66030			1-2383	HALBLEITER	71570			5-2299	MAGN.EIG.FK	6
	E	3-1932	GITTERDYN.	67060			1-2416	HALBLEITER	71570			11-2479	MAGN.EIG.FK	6
		11-2399	MAGN.EIG.FK	69035	PAVLIK	BD	5- 667	PHYS.OPTIK	29020			12-3110	OPT.EIG.FK	7
		12-2405	GITTERDYN.	67060		PI	2-1230	MOLEKUELE	52512		WB	7-2177	MAGN.EIG.FK	6
	JD	11-2486	MAGN.EIG.FK	69060	PAVLOPOULOS	TG	3- 246	FELDTHEORIE	18000			9-1811	KRISTALLE	6
	JR	6- 921	KERNSPEKTR.	42540	PAVLOV	AF	9-1093	KERNREAKTIO	43092		WE	9- 326	HYDRODYNAM.	2
	JW	1-2295	HALBLEITER	71585		AN	9-1984	GITTERDYN.	67070	PEAT	B	10-1472	ATOME	5
	MR	10-1573	MOLEKUELE	52560		BV	4-2237	LEITFHOK.FK	70028		RF	2-1739	KRIST.FEHL.	6
	NP	11-3399	STERNE	94020		EV	10-2506	HALBLEITER	71585			5-2690	DUENNE SCHI	7
	RB	12-3282	ERDKOERPER	90260		IS	8-2371	HALBLEITER	71510	PEASE	RL	12- 901	BESCHLEUNIG	4
	TNL	1-2730	LUFTHUELLE	90820		LE	7- 357	AKUSTIK	23510	PEASLEE	DC	2- 837	STARKE WW.	4
PATTHAIK	M	10-2081	KRIST.FEHL.	66079		M	7-1322	ATOME	52045			12-3307	KOSM.STRIG.	9
		4- 232	QUANTENTHEO	16578			11-1793	PLASMA	57253	PEAT	FD	11-2536	LEITFHOK.FK	7
		10- 828	ELEMENTART.	41510		PV	2-1753	KRIST.FEHL.	66025	PEAUDECERF	M	12- 562	HF-TECHNIK	2
		11- 673	ELEMENTART.	41510			2-2567	DUENNE SCHI	74000	PEBAY PEYROULA	J.C.			
		11- 696	ELEMENTART.	41540			2-2593	DUENNE SCHI	74020			3-1133	ATOME	5
PATTON	CE	4-2131	FK-SPEKTREN	73360			2-2596	DUENNE SCHI	74020			10-1461	ATOME	5
		4-2585	DUENNE SCHI	74050			3-1751	KRIST.FEHL.	66020			7-1635	GASENTLADG.	5
		11-3113	DUENNE SCHI	74050			9-2273	HALBLEITER	71520	PECH	P	7-1635	GASENTLADG.	5
		12-3205	DUENNE SCHI	74050			10-1926	KRISTALLE	65540	PECHACEK	RE	6-1518	PLASMA	5
PATTY	OL	10- 532	HF-TECHNIK	27530			10-1982	KRISTALLE	65582	PECHMEZHSKII	V.I.			
	RR	5-1393	MOLEKUELE	52536			12-2251	KRIST.FEHL.	66025			1-1979	GITTERDYN.	6
		9-1340	MOLEKUELE	52560		ST	7-2246	LEITFHOK.FK	70072	PECHENNIKOV	AV	4-2199	MAGN.EIG.FK	6
		10-1539	MOLEKUELE	52536			7-2538	OPT.EIG.FK	73610			6-2282	MAGN.EIG.FK	6
PATZELT	H	4-1309	K-REAKTOREN	43540			8-2502	OPT.EIG.FK	73610	PECHENOV	AN	6-1311	MOLEKUELE	5
PATZKE	HG	5- 652	OPT.INSTRUM	28586			9-2206	LEITFHOK.FK	70072	PECHEUX	J	6- 255	HYDRODYNAM.	2
PAUFLER	P	9-1936	MECH.EIG.FK	66545		YN	9-2567	OPT.EIG.FK	73610			12- 424	HYDRODYNAM.	2
PAUKOV	IE	2-1946	THERMEIG.FK	67550			12- 116	LABORTECHN.	12530	PECHHOLD	W	9-1981	GITTERDYN.	6
		10-2176	THERMEIG.FK	67510		VS	9- 951	KERNSPEKTR.	42545	PECHUKAS	P	6- 177	STATISTIK	7
PAUKSTE	J	4-2418	FK-SPEKTREN	73325	PAVLOVA	NP	4-1026	STARKE WW.	41783	PECILE	C	1-2488	FK-SPEKTREN	13
		8-2637	DUENNE SCHI	74010			6- 860	STARKE WW.	41783		D	4- 640	MASER, LASER	2
PAUL	AK	12-3351	IONOSPHAERE	91045			10-1007	STARKE WW.	41783	PECINA	R	12-1432	K-REAKTOREN	4
		12-3352	IONOSPHAERE	91045	PAVLOVIC	AS	10-2325	MAGN.EIG.FK	69070	PECK	RE	6- 263	HYDRODYNAM.	2
	AR	3-1764	KRIST.FEHL.	66025		DM	10-2287	MAGN.EIG.FK	69040			6- 309	WAERME	23
	B	10-2091	MECH.EIG.FK	66516	PAVLOVSKAYA	EM	1- 567	MASER, LASER	28045	PECK JR.	RA	9-1021	KERNREAKTIO	4
	E	8- 985	STARKE WW.	41745			7- 549	MASER, LASER	28045	PECKER	JC	10-3048	STERNE	93
		12-1710	POLYMERE	53525			7- 550	MASER, LASER	28045	PECORELLA	F	10-1642	PLASMA	5
	EB	1-1233	KERNREAKTIO	43056			7-1503	PLASMA	57010	PECUL	K	12-1569	ATOME	5
		3- 921	KERNSPEKTR.	42540		LO	12-2347	MECH.EIG.FK	66518	PEDERSEN	K	12-1427	K-REAKTOREN	4
		6- 549	KERN-MESSG.	40510		VS	2-2020	FK-SPEKTREN	73370		L	3- 382	THERMODYN.	2
		6-1093	KERNREAKTIO	43075	PAVLOVSKI	FA	8-1045	STARKE WW.	41770			9-1279	MOLEKUELE	5
	B	12- 164	VAKUUM	13060	PAVLOVSKY	FA	10- 992	STARKE WW.	41770		OJ	8- 430	AKUSTIK	2
	H	1-1325	KERNSTRHLG.	44033	PAVLYAK	YS	7-2102	THERMEIG.FK	67550	PEDERSON	DO	5-2018	MECH.EIG.FK	6
		3- 967	KERNSPEKTR.	42565	PAWAR	RR	11-2042	KRISTALLE	65584	PEDINOFF	ME	4- 434	AKUSTIK	2
		7-1323	ATOME	52045			11-2251	THERMEIG.FK	67530	PEDLEY	TJ	8- 375	HYDRODYNAM.	2
	HS	12-2499	DIELEKTRIKA	68050	PAWLEY	GS	10-2146	GITTERDYN.	67040			11- 312	HYDRODYNAM.	2
JWM		4-1626	PLASMA	57020	PAWLOWSKI	CA	12- 26	BIOGRAPHIEN	10218	PEDLOSKY	J	3- 289	HYDRODYNAM.	2
M		12- 470	AKUSTIK	23540	PAWULA	RF	4- 291	STATISTIK	17523			5- 305	HYDRODYNAM.	2
		12-2049	FLUESSIGK.	58565	PAXSON	GD	3- 432	HF-TECHNIK	27526	PEEBLES	G	7-2795	IONOSPHAERE	9
	MO	7-2687	ERDKOERPER	90235	PAXTON	GW	9-1556	PLASMA	57253		PJE	1-2849	KOSM.PHYSIK	94
	HK	3-1487	GASENTLADG.	57850	PAYA	D	10-1241	KERNREAKTIO	43048			5-2970	KOSM.PHYSIK	94
	M	8-1106	KERNSPEKTR.	42540			11-1156	KERNSPEKTR.	42575			5-2971	KOSM.PHYSIK	94
	R	3-1501	GASE	58025			12-1047	KERNREAKTIO	43092			8-3004	KOSM.PHYSIK	94
		10- 272	STATISTIK	17540	PAYAN	R	5-2744	DUENNE SCHI	74065	PEEK	JM	2-1204	ATOME	5
		10- 273	STATISTIK	17540	PAYEN	R	6- 180	STATISTIK	17510			4-1548	MOLEKUELE	5
		10-1782	GASE	58025	PAYEN DE LA	GRANDE						12-1548	ATOME	5
	W	7-2576	DUENNE SCHI	74010			5-2679	OPT.EIG.FK	73625			12-1674	MOLEKUELE	5
		11-2996	OPT.EIG.FK	73605	PAYN	JK	7-2650	GRNZFL.FK	74535		TH	5- 50	UNTERRICHT	12
PAUL JR.	E	12- 900	BESCHLEUNIG	41040	PAYNE	AD	4-2884	KOSM.PHYSIK	94550	PEELAERS	W	5-2705	DUENNE SCHI	74
PAULEVE	J	1-1352	ATOME	52024			4-2899	KOSM.PHYSIK	94583	PEELLE	RW	11- 588	KERN-MESSG.	4
		2-1779	KRIST.FEHL.	66035		H	8-2229	LEITFHOK.FK	70010			12-1349	KERNREAKTIO	4
		11-2407	MAGN.EIG.FK	69040		LE	10- 353	ELASTIZIT.	22520	PEER	GP	12- 112	LABORTECHN.	12
		11-3107	DUENNE SCHI	74050		MF	8-1984	KRIST.FEHL.	66062	PEERS	AM	6-1347	MOLEKUELE	5
PAULI	C	11-1012	KERNSPEKTR.	42510	PAYTON III	DN	4-2048	THERMEIG.FK	67920	PEETERS	P	3- 861	STARKE WW.	4
	B	10-1223	KERNREAKTIO	43044			8-2068	GITTERDYN.	67010			5- 894	STARKE WW.	4
	HC	3- 904	KERNSPEKTR.	42510	PAZ DE	M	3-1509	GASE	58025			5- 896	STARKE WW.	4
		7-1284	ATOME	52010			7-1655	GASE	58025			6- 835	STARKE WW.	4
		9- 922	KERNSPEKTR.	42510	PAZDZERSKY	VA	3- 765	ELEMENTART.	41574	PEEVA	A	6- 836	STARKE WW.	4
PAULIK	FE	11-1870	GASE	58020	PAZERA	A	11-2800	PHOTOLEITG.	72510	PEGEL	B	6- 556	KERN-MESSG.	4
PAULIN	R	2- 722	DISP.SYST.	59510	PAZZAN	A	5- 917	STARKE WW.	41740			4-1898	KRIST.FEHL.	6
		12-2086	DISP.SYST.	59510	PAZZI	GP	4- 586	HF-TECHNIK	27550			4-1899	KRIST.FEHL.	6
PAULING	L	10-1919	KRISTALLE	65530	PCHELIN	VA	4-1290	KERNREAKTIO	43092			6-1931	KRIST.FEHL.	6
PAULON	J	2-1447	PLASMA	57279			7-1249	KERNREAKTIO	43092			6-2041	MECH.EIG.FK	6
PAULSEN	A	1-1205	KERNREAKTIO	43046			10-1333	KERNREAKTIO	43092	PEGORARO	M	10-1624	POLYMERE	5
		3-1034	KERNREAKTIO	43046	PCHELINTSEV	MA	3- 840	STARKE WW.	41755	PEHL	RH	11- 589	KERN-MESSG.	4
PAULSON	KV	4-2680	GEOMAGNET.	90440	PEABODY	IC	7-2583	DUENNE SCHI	74010	PEHLIVANIAN	E	10-1154	KERNSPEKTR.	4
PAULUS	KFG	2- 101	QUANTENTHEO	16530	PEACHER	JL	4-1420	ATOME	52070			2-1897	GITTERDYN.	6
	M	4-2553	DUENNE SCHI	74010			6-1329	MOLEKUELE	52580	PEIBST	H	2- 108	QUANTENTHEO	16
		6-2245	MAGN.EIG.FK	69035			10-1434	ATOME	52065	PEIERLS	RE	3- 889	KERNSTRUKT.	4
PAULY	H	5-1313	ATOME	52065			11-1439	ATOME	52065			4-1047	KERNSTRUKT.	4
		6-1340	MOLEKUELE	52575	PEACOCK	CJ	10-1509	MOLEKUELE	52514			4-1172	KERNREAKTIO	4
		6-2998	JIOPHYSIK	96000		DS	2-2744	KOSM.STRIG.	90643			6- 866	KERNSTRUKT.	4
		7-1382	MOLEKUELE	52512		NJ	10-1407	ATOME	52024	PEARCE	D	6- 892	KERNSTRUKT.	4
		8-1341	ATOME	52065			10-1408	ATOME	52024		TW	8-1074	KERNSTRUKT.	4
PAUNOV	M	4-1842	KRISTALLE	65512			12-1831	PLASMA	57093	</				

PEKAR - PERRIN

SI	1-2241	LEITFHGK.FK	70072	PENNER	SS	7- 582	MASER, LASER	28060	PEREZ	J	9-1982	GITTERDYN.	67070	
	12-2636	LEITFHGK.FK	70028			9-2874	PLANETEN	93613			10-2162	GITTERDYN.	67070	
YA	7-1638	GASENTLADG.	57850	PENNEY		4- 9	BIOGRAPHIEN	10215	M	8-1142	KERNSEKTR.	42555		
L	5-1672	GASENTLADG.	57840		GW	12-1905	GASENTLADG.	57870	R	7-1019	KERNSTRUKT.	42070		
	12-1898	PLASMA	57070		R	6-1656	FLUESSIGK.	58525	RB	2-1124	KERNSTRHLG.	44010		
V	12-3248	GRENZFL.FK	74535			8-1744	FLUESSIGK.	58525		3-1109	KERNSTRHLG.	44030		
AI	12-3168	DUENNE SCHI	74010	PENNING	P	10- 308	FELDTHEORIE	18040		5-1220	KERNSTRHLG.	44010		
LK	2- 989	KERNSEKTR.	42565			8- 726	PHYS.OPTIK	29048	SM	12-1366	KERNREAKTIO	43064		
	6- 900	KERNSTRUKT.	42075			8- 727	PHYS.OPTIK	29048	PEREZ MENDEZ V	5- 900	STARKE WW.	41735		
	6- 973	KERNSEKTR.	42560			8- 727	PHYS.OPTIK	29048	PEREZ Y JORBA J.					
	9- 983	KERNSEKTR.	42565	PENNINGTON	KS	2- 545	OPT.INSTRUM	28570		6- 711	ELEMENTART.	41563		
CL	11-3226	ERDKOERPER	90260			8- 675	OPT.INSTRUM	28570		12- 974	ELEMENTART.	41578		
MAN	2-2556	OPT.EIG.FK	73670			9- 581	OPT.INSTRUM	28570	JP	4- 915	ELEMENTART.	41574		
EO	1-2213	LEITFHGK.FK	70056	PENROSE	O	11- 184	STATISTIK	17526	VE	2-2515	OPT.EIG.FK	73610		
I	7-2100	THERMEIG.FK	67550			11- 191	STATISTIK	17526		2-2516	OPT.EIG.FK	73610		
I	10-1790	GASE	58040		R	4- 330	FELDTHEORIE	18045		10-2704	OPT.EIG.FK	73610		
S	9-2442	FK-SPEKTREN	73330			5- 246	FELDTHEORIE	18010	PERIA	WT	7-2624	GRENZFL.FK	74510	
EEICHENKO I.P.				PENSELIN	S	1-1090	KERNSEKTR.	42550	PERICO	A	5-1350	MOLEKUELE	52510	
	7- 382	WAERME	24026	PENSO	G	2- 743	ELEMENTART.	41574			11-1490	MOLEKUELE	52510	
LA	3- 602	PHYS.OPTIK	29000	PENSTON	MJ	7-2911	KOSM.PHYSIK	94510			4-1222	KERNREAKTIO	43046	
MMINSKII S	6- 185	STATISTIK	17523		MV	7-2911	KOSM.PHYSIK	94510	PERILLO	E	7-1179	KERNREAKTIO	43046	
SV	3-2262	LEITFHGK.FK	70065	PENTA	J	5-1320	ATOME	52065			11-1220	KERNREAKTIO	43040	
SSKII VE	3-1987	THERMEIG.FK	67520	PENTIN	YA	7-1432	MOLEKUELE	52538	PERINA	J	6- 512	PHYS.OPTIK	29020	
RR	5-1135	KERNREAKTIO	43042	PENTSAS	GM	4-2513	FK-SPEKTREN	73325			9- 192	QU.FELDTHEO	17020	
TE	2- 603	PHYS.OPTIK	29060			4-2517	OPT.EIG.FK	73650	V	8-1631	PLASMA	57070		
MAN	9- 490	MASER, LASER	28035	PENTZ	MJ	8- 818	BESCHLEUNIG	41020		12-1730	PLASMA	57010		
RRIN	12-1348	KERNREAKTIO	43048			9- 14	BIOGRAPHIEN	10230	PERINOVA	M	3-1791	KRIST.FEHL.	66035	
IT	2-1378	PLASMA	57055	PENZ	PA	2-2319	HALBLEITER	71520	PERIO	P	5-1925	KRISTALLE	65584	
	2-1386	PLASMA	57075			5-2370	LEITFHGK.FK	70056			11-2089	KRIST.FEHL.	66025	
	2-2812	MAGNETOSPH.	91226			9-2252	METAL.LEITG	71010	PERISHO	RC	11- 37	UNTERRICHT	12025	
	8-1611	PLASMA	57055			11-2575	LEITFHGK.FK	70056	PERJES	Z	12- 352	FELDTHEORIE	18042	
	9-1480	PLASMA	57055	PENZES	S	9-1369	MOLEKUELE	52575	PERKALSKI	SS	4- 679	OPT.INSTRUM	28545	
	9-1484	PLASMA	57055	PENZIN	YG	10-7223	OPT.EIG.FK	73640	PERKAMPUS	HH	4-1557	MOLEKUELE	52553	
	10-1650	PLASMA	57017			11-3034	OPT.EIG.FK	73640			4-2508	FK-SPEKTREN	73325	
GO	6-1890	KRIST.FEHL.	66025	PENZINA	EE	8-2596	OPT.EIG.FK	73625			11-1533	MOLEKUELE	52528	
GOATTI A	9-1267	MOLEKUELE	52512			10-2723	OPT.EIG.FK	73640			11-1572	MOLEKUELE	52570	
GRINI C	7- 834	BESCHLEUNIG	41040	PEOPLES	J	11-3034	OPT.EIG.FK	73640	PERKASKIS	BS	4- 725	PHYS.OPTIK	29030	
	10- 783	BESCHLEUNIG	41020	PEPIN	M	8-1031	STARKE WW.	41764	PERIN	JL	5-1145	KERNREAKTIO	43048	
F	1-1078	KERNSEKTR.	42545			3- 848	STARKE WW.	41764			12-1449	KERNSTRHLG.	44020	
	7-1229	KERNREAKTIO	43075	PEPPER	M	6- 837	STARKE WW.	41770	PERKINS	F	5-1599	PLASMA	57085	
	9- 939	KERNSEKTR.	42540	PEPPERHOFF	W	7-2073	THERMEIG.FK	67510			7-2793	IONOSPHAERE	91072	
ETIER R	6- 456	OPT.INSTRUM	28530	PERAZZO	RJ	4-1058	KERNSTRUKT.	42070	GA	10- 301	FELDTHEORIE	18020		
ETIER ALLARD N.				PERCHEREAU J		10-1128	KERNSEKTR.	42555	GD	10- 118	VAKUUM	13016		
	4-1865	KRISTALLE.	65545			10-1325	KERNREAKTIO	43092	HK	1-2076	FK-SPEKTREN	73355		
	10-2579	FK-SPEKTREN	73325	PERCIVAL	CM	8-2030	MECH.EIG.FK	66514	MA	12- 792	KERN-MESSG.	40520		
ETT DE	9-1039	KERNREAKTIO	43052		IC	11-1451	ATOME	52065	RW	7-2763	LUFTHELIE	90890		
	10- 928	STARKE WW.	41740			12-1540	ATOME	52060	ST	1-1286	K-REAKTOREN	43515		
ICCIONI M	3- 667	KERN-MESSG.	40512	PERCUS	JK	3- 372	THERMODYN.	24530			7-1268	KERNSTRHLG.	44010	
	6- 555	KERN-MESSG.	40512			6- 116	QUANTENTHEO	16533			8-1283	KERNSTRHLG.	44010	
	7- 809	KERN-MESSG.	40582			6- 199	STATISTIK	17560			12-1347	KERNREAKTIO	43048	
IONISZ P	5- 745	KERN-MESSG.	40535			11- 100	QUANTENTHEO	16530	WA	12-1775	PLASMA	57055		
	7- 786	KERN-MESSG.	40542	PERCY	JR	11- 212	STATISTIK	17560	WG	11-3030	OPT.EIG.FK	73640		
ISSIER GE	2-2652	GRENZFL.FK	74530			9-3007	KOSM.PHYSIK	94586	ML	4- 912	ELEMENTART.	41574		
SS	4-2045	THERMEIG.FK	67510	PERDIGON	JW	11- 329	WAERME	24020			9- 801	STARKE WW.	41700	
GP	6-2680	DUENNE SCHI	74060	PERDIJK	HJR	5-1440	MOLEKUELE	52524			10- 928	STARKE WW.	41740	
EERS	L	11-2786	PHOTOLEITG.	72510	PERDRISAT	CF	7- 479	TEILCH.OPT.	27054		10- 968	STARKE WW.	41760	
EE	8-1114	KERNSEKTR.	42545			9- 918	KERNSEKTR.	42510			10-2047	KRIST.FEHL.	66062	
	10-1092	KERNSEKTR.	42545			11-1245	KERNREAKTIO	43052	YE	11- 832	STARKE WW.	41740		
OLA	E	9- 910	KERNSTRUKT.	42075	PERDRIX	M	4-1712	PLASMA	57235		8-2603	OPT.EIG.FK	73630	
EI	2- 815	STARKE WW.	41740			10- 771	BESCHLEUNIG	41010			10-2384	LEITFHGK.FK	70053	
YS	YE	8- 344	MECHANIK	22032	PEREBYAKIN VA		9- 531	MASER, LASER	28055	PERLMAN	I	3- 992	KERNSEKTR.	42575
	D	5- 101	VAKUUM	13016	PERECHODKIN S		3-2731	KOSM.STRLG.	90610		ML	3- 974	KERNSEKTR.	42565
ER BAWIN G	12- 391	ELASTIZIT.	22510	PEREGOOD	BP	12- 819	KERN-MESSG.	40532			7-1243	KERNREAKTIO	43092	
INELLI F	10- 865	ELEMENTART.	41570	PEREGUDOV	GY	3- 509	MASER, LASER	28045			10-1117	KERNSEKTR.	42555	
AUERBACH DE LA L.				PEREKALINA TM		10-2334	MAGN.EIG.FK	69070	MM	7-2663	GRENZFL.FK	74540		
	12- 209	QUANTENTHEO	16530			12-2562	MAGN.EIG.FK	69045	PERLMUTTER A		1- 34	TAGUNGEN	10545	
MINA CM	1- 620	OPT.INSTRUM	28530	ZB		4-2488	OPT.EIG.FK	73610			8- 28	TAGUNGEN	10545	
IOLELLI G	2- 524	OPT.INSTRUM	28540	PEREL	J	9-1814	KRISTALLE	65584	PERLOW	GJ	7-1111	KERNSEKTR.	42560	
LEBURY JM	1-1374	ATOME	52030			10- 99	LABORTECHN.	12540			9-2890	PLANETEN	93630	
	1-1502	MOLEKUELE	52553			12-1548	ATOME	52065	PERLSTEIN	JH	10-2461	HALBLEITER	71520	
NGO P	3-2777	KOSM.STRLG.	90646	VI		7-2356	HALBLEITER	71566	PERMINOV	AE	2-1968	DIELEKTRIKA	68020	
VN	10- 908	STARKE WW.	41725			8-2294	LEITFHGK.FK	70056	PERMYAKOV	VG	3-1808	KRIST.FEHL.	66035	
	11- 801	STARKE WW.	41725	PERELMAN	TL	3-1324	PLASMA	57010			4-2582	DUENNE SCHI	74040	
	11- 802	STARKE WW.	41725			9-1448	PLASMA	57030			11-3063	DUENNE SCHI	74010	
	11- 803	STARKE WW.	41725	PERELOMOV	AM	3- 145	QUANTENTHEO	16536	PERMYAKOVA TA		8-1667	ATOME	52020	
VVA	S	6-1793	KRISTALLE	65518		9- 126	QUANTENTHEO	16516	PERNOT	A	4-1409	ATOME	52065	
FIELD JR. P	2- 458	HF-TECHNIK	27500			10-1485	ATOME	52075			8-1338	ATOME	52060	
	10- 491	ELEKTRODYN.	26520	PERELSSTEIN	EA	7-1550	PLASMA	57055	PERNOUX	E	6-1846	KRISTALLE	65574	
OLD	AB	6- 444	OPT.INSTRUM	28530		11- 668	BESCHLEUNIG	41095	PERNY	G	8-2123	DIELEKTRIKA	68020	
AS	5-1691	GASENTLADG.	57880	PERELYGIN	VP	8-1241	KERNREAKTIO	43085	PEROLA	GC	7-2922	KOSM.PHYSIK	94530	
	7-1601	PLASMA	57250			12- 808	KERN-MESSG.	40525			8-2976	KOSM.PHYSIK	94530	
J	10-2306	MAGN.EIG.FK	69060			12- 811	KERN-MESSG.	40525			8-2977	KOSM.PHYSIK	94530	
	10-2314	MAGN.EIG.FK	69060	PEREPECHKO II		2-1912	GITTERDYN.	67060	PERONA	GE	10- 262	STATISTIK	17523	
TC	1-1683	ATOME	52085	PEREPELITS B		2- 274	HYDRODYNAM.	23020			12-1763	PLASMA	57090	
NA	8-2534	FK-SPEKTREN	73355	PEREPELITSIN V.A.							10-2027	KRIST.FEHL.	66025	
AN	6-2524	FK-SPEKTREN	73325			9-1753	KRISTALLE	65518	PEROTTI	A	1-2213	LEITFHGK.FK	70056	
IN	2-2379	HALBLEITER	71565	PERES	A	3- 153	QUANTENTHEO	16556	PEROVA	LY	11-1385	KERNSTRHLG.	44030	
	4-2123	FK-SPEKTREN	73355			4- 316	FELDTHEORIE	18010	PEROVIC	B	11-3168	GRENZFL.FK	74535	
	6-2720	GRENZFL.FK	74560			5- 789	ELEMENTART.	41500			2-1065	KERNREAKTIO	43064	
IONZKEVICH Y.E.						7- 198	QU.FELDTHEO	17020	PERRAULT	F	3- 861	STARKE WW.	41767	
	4-1291	KERNREAKTIO	43092			11- 91	STARKE WW.	41760	PERREAU	JM	5- 894	STARKE WW.	41730	
KIN	NP	2-1212	ATOME	52065	PERESADA	VI	6-2081	GITTERDYN.	67010		5- 896	STARKE WW.	41730	
	4-1392	ATOME	52070	PERESLEGINA NV		3-2751	KOSM.STRLG.	90633			5- 897	STARKE WW.	41730	
	5-1312	ATOME	52070			3-2752	KOSM.STRLG.	90633			6- 835	STARKE WW.	41770	
	6-1235	ATOME	52065			3-2864	SONNENPHYS.	93340			6- 836	STARKE WW.	41770	
	7-1632	GASENTLADG.	57840			4-2701	KOSM.STRLG.	90630	PERRENOUD	JL	3-1010	KERNREAKTIO	43014	
	10-1645	PLASMA	57010			10-3021	PLANETEN	93640			10-1315	KERNREAKTIO	43085	
	12-1728	PLASMA	57010	PERESSE	J	5-1305	ATOME	52070			5- 503	TEILCH.OPT.	27030	
AW	9- 61	LABORTECHN.	12520			7-1476	MOLEKUELE	52580	PERRIER	F	6- 362	TEILCH.OPT.	27030	
	11-2779	THERMOELEKT	72010	PERESSINI	PP	11-2227	THERMEIG.FK	67510			5-2224	MAGN.EIG.FK	69020	
DR	1-2118	MAGN.EIG.FK	69030			11-2232	THERMEIG.FK	67510			7-1966	KRIST.FEHL.	66076	

PERRIN - PETRZHAK

PERRIN	N	6- 971	KERNSPEKTR.	42560	PETCH	NJ	7-1988	MECH.EIG.FK	66516	PETRALIA	S	10-2053	KRIST.FEHL.	61
		10-1156	KERNSPEKTR.	42565	PETCHER	TJ	8-1903	KRISTALLE	65584			12-3167	DUENNE SCHI	71
		10-1167	KERNSPEKTR.	42575	PETELGUZOV	IA	6-1807	KRISTALLE	65518	PETRAM	M	12- 664	OPT.INSTRUM	21
	R	6- 843	STARKE WW.	41780	PETER	D	8-1975	KRIST.FEHL.	66060	PETRASH	GG	2-1195	MASER, LASER	21
		8- 993	STARKE WW.	41753		G	1- 725	KERN-MESSG.	40518			7-1295	ATOME	52
		11- 808	STARKE WW.	41730			3-1427	PLASMA	57203			11-1607	MOLEKUELE	52
	RC	12-2227	KRIST.FEHL.	66015			8- 797	KERN-MESSG.	40560	PETRAUSKAS	A	6- 101	QUANTENTHEO	16
PERRIN LAGARDE	D.					H	10-2151	GITTERDYN.	67060			8-1075	KERNSTRUKT.	42
		5-1287	ATOME	52045		K	1-1926	MECH.EIG.FK	66516			12-1172	KERNSTRUKT.	42
PERRINO	JK	1- 975	KERNSTRUKT.	42010			10- 48	TAGUNGEN	10535			12-1173	KERNSTRUKT.	42
		2- 899	KERNSTRUKT.	42010		M	1-2117	MAGN.EIG.FK	69025		AK	10-1055	KERNSTRUKT.	42
PERRINO	CT	5-2467	HALBLEITER	71530			6-1367	FLUESSIGK.	58557	PETRAVIC	M	2-1463	PLASMA	57
PERRON	JC	6-1725	FLUESSIGK.	58560			9-2463	FK-SPEKTREN	73355	PETRECHENKO	BI	2- 608	PHYS.OPTIK	29
PERROTT	RH	11-1402	ATOME	52010	PETERLIN	A	4-1566	POLYMERE	53525	PETRENKO	VI	1-1710	GASENTLADG.	57
PERRY	AJ	1-2642	GRENZFL.FK	74520			6-1386	POLYMERE	53542			2-1497	GASENTLADG.	57
		2- 431	TEILCH.OPT.	27040	PETERMANN	LA	9-2684	GRENZFL.FK	74535		VV	12-1325	KERNREAKTIO	43
		2-2645	GRENZFL.FK	74520	PETERS	B	8-2741	KOSM.STRLG.	90646	PETRESCO	P	7-2427	FK-SPEKTREN	73
		5-1935	KRISTALLE	65588		CF	9- 250	MECHANIK	22010	PETRESCU	C	10-2816	GRENZFL.FK	74
		8-1966	KRIST.FEHL.	66035		CJ	4- 681	OPT.INSTRUM	28550		P	8-2466	FK-SPEKTREN	73
		9-1868	KRIST.FEHL.	66035		D	4-1436	MOLEKUELE	52510		V	5- 456	ELEKTRIZIT.	26
		12- 553	TEILCH.OPT.	27040			5- 268	MECHANIK	22032			6-2263	MAGN.EIG.FK	69
		12-2276	KRIST.FEHL.	66035		DW	3- 638	PHYS.OPTIK	29063			8-2194	MAGN.EIG.FK	69
	BL	8- 655	OPT.INSTRUM	28560		H	2- 367	THERMODYN.	24554	PETRESCU PRAHOVA	I.			
	CH	6-2532	FK-SPEKTREN	73330		J	6- 34	BUECHER	11010			9-2271	HALBLEITER	71
		6-2533	FK-SPEKTREN	73330		JM	11- 530	PHYS.OPTIK	29010	PETRI	R	6-2132	THERMEIG.FK	67
		6-2554	FK-SPEKTREN	73340		PB	3-1829	KERN-MESSG.	40584	PETRICEK	V	4- 802	KERN-MESSG.	40
	FC	1-1145	KERNSTRUKT.	42570			7- 74	LABORTECHN.	12530			7-1049	KERNSTRUKT.	42
	RT	8-1551	PLASMA	57010		RD	11-2216	GITTERDYN.	67060	PETRICESK	J	11- 593	KERN-MESSG.	40
PERSHAN	PS	5-2005	KRIST.FEHL.	66076		RE	7- 894	STARKE WW.	41710	PETRICESK	J	5-2858	IONOSPHERE	91
		5-2006	KRIST.FEHL.	66076			8- 946	STARKE WW.	41725	PETRICH	G	10-1939	KRISTALLE	65
		9-2481	FK-SPEKTREN	73355	PETERSEN	C	9-2615	OPT.EIG.FK	73655	PETRILAK JR.	M	3-1055	KERNREAKTIO	43
		9-2613	OPT.EIG.FK	73655		EL	3-1052	KERNREAKTIO	43054	PETRINA	DY	4- 235	QUANTENTHEO	16
PERSHENKOV	VS	12-2395	GITTERDYN.	67040		JO	7-2905	STERNE	94050	PETRINOVIC	M	8- 496	ELEKTRIZIT.	26
PERSHIKOV	AV	8-2672	GRENZFL.FK	74520		LO	8-2002	KRIST.FEHL.	66070			12- 513	ELEKTRIZIT.	26
PERSHIN	SV	3-1883	MECH.EIG.FK	66545		MCE	2-1894	GITTERDYN.	67040			12- 581	HF-TECHNIK	27
PERSHITS	YN	10-2506	HALBLEITER	71585		PE	12-2632	LEITFHGK.FK	70028	PETROF	RC	10- 432	WAERME	24
PERSICO	F	4-2017	GITTERDYN.	67040	PETERSON	DD	12- 865	KERN-MESSG.	40584	PETROFF	P	10- 515	TEILCH.OPT.	27
PERSIKOV	MV	4- 575	HF-TECHNIK	27530		DT	1-2283	SUPRALEITG.	70520	PETRONGOLD	C	10-1511	MOLEKUELE	52
PERSIN	M	6-2000	KRIST.FEHL.	66076		EA	1-1542	ATOME	52010	PETROPPOULOS	B	5-1443	MOLEKUELE	52
PERSIO DI	J	10-2037	KRIST.FEHL.	66035			9- 731	ELEMENTART.	41540			9-1299	MOLEKUELE	52
PERSON	P	11-3468	BIOPHYSIK	96000			10- 832	ELEMENTART.	41543		JH	10-1532	MOLEKUELE	52
	WB	3-2524	FK-SPEKTREN	73330		EM	2-1976	DIELEKTRIKA	68030			6-1692	FLUESSIGK.	58
		10-2145	GITTERDYN.	67040		FB	1- 385	HYDRODYNAM.	23070			6-1693	FLUESSIGK.	58
PERSONOV	RI	5-2676	OPT.EIG.FK	73625		FC	2- 785	STARKE WW.	41725	PETROSIA	V	4-2900	KOSM.PHYSIK	94
		8-2477	FK-SPEKTREN	73325			9- 805	STARKE WW.	41725			9-2939	STERNE	94
PERSSON	A	4- 578	HF-TECHNIK	27540		GA	5-1040	KERNSTRUKT.	42540	PETROSYUK	II	7- 413	WAERME	24
	B	1-1109	KERNSTRUKT.	42560			11-1216	KERNREAKTIO	43038	PETROV	AA	5-1951	KRIST.FEHL.	66
		1-1144	KERNSTRUKT.	42570			12- 517	ELEKTRIZIT.	26030			7- 807	KERN-MESSG.	40
		1-1829	FK-SPEKTREN	73310		GE	3-2044	FK-SPEKTREN	73370			8- 801	KERN-MESSG.	40
		6-2626	DUENNE SCHI	74010		JM	10- 790	BESCHLEUNIG	41020			8-1941	KRIST.FEHL.	66
	G	11-3074	DUENNE SCHI	74020		JR	1- 757	BESCHLEUNIG	41010		AI	11- 458	MASER, LASER	280
	JE	3-1486	GASENTLADG.	57870			11-1440	ATOME	52065			11- 459	MASER, LASER	280
		12-1904	GASENTLADG.	57870		LE	5- 511	TEILCH.OPT.	27068		AK	8- 122	LABORTECHN.	125
	KB	12-1833	PLASMA	57093			7-2827	ASTROPHYSIK	93020		AV	1-1798	FLUESSIGK.	58
	P	4-1315	KERNSTRHLG.	44010		LR	2-2766	IONOSPHERE	91020		BM	2-1716	DIELEKTRIKA	680
	PO	4-1107	KERNSTRUKT.	42550			7-2779	IONOSPHERE	91040		EG	3-2095	MAGN.EIG.FK	690
	R	4- 817	KERN-MESSG.	40548		NL	6-1884	KRIST.FEHL.	66020			5-2252	MAGN.EIG.FK	690
		6-1115	K-REAKTOREN	43510		OG	5- 550	MASER, LASER	28040			11-2332	MAGN.EIG.FK	690
PERTHEL	R	2-1638	KRISTALLE	65545		PJ	4-1308	K-REAKTOREN	43530		I	12-2916	FK-SPEKTREN	733
PETILE	G	5- 979	STARKE WW.	41770		RE	8-2341	SUPRALEITG.	70550		IP	2-2563	OPT.EIG.FK	736
PETSEV	AN	10- 521	TEILCH.OPT.	27068		RL	2-2138	MAGN.EIG.FK	69065		LA	8-1147	KERNSTRUKT.	42
PETSEV	BP	3-2704	ERDKUERPER	90235			3-2163	MAGN.EIG.FK	69065			10-1130	KERNSTRUKT.	42
PERULLI	M	2-1386	PLASMA	57075			11- 182	STATISTIK	17523		MP	4-2192	MAGN.EIG.FK	690
		4-1662	PLASMA	57070			12-2534	MAGN.EIG.FK	69025			6-2204	FK-SPEKTREN	733
		8-1645	PLASMA	57085			12-2949	FK-SPEKTREN	73355			9-2163	MAGN.EIG.FK	690
PERUMAREDDI JR		5-1872	KRISTALLE	65545		VZ	1- 858	STARKE WW.	41725			11-2970	FK-SPEKTREN	733
		5-1873	KRISTALLE	65545	PETERSSON	B	6- 816	STARKE WW.	41764			12-1881	PLASMA	572
		12-2132	KRISTALLE	65545			4-1013	STARKE WW.	41770			12-3111	OPT.EIG.FK	736
PERUZZO	L	10- 981	STARKE WW.	41764		GA	4-1432	MOLEKUELE	52510		NI	11- 722	ELEMENTART.	415
PERVAKOV	VA	7-2080	THERMEIG.FK	67510	PETFORD	AD	6-2862	ASTROPHYSIK	93030		NM	3- 880	KERNSTRUKT.	420
PERVUSHINA	VL	4-1026	STARKE WW.	41783	PETICOLAS	WL	2-1941	POLYMERE	53546			8-1058	KERNSTRUKT.	420
PERVUSHINA	VL	6- 860	STARKE WW.	41783			5-1524	POLYMERE	53546		NN	8-2703	GRENZFL.FK	745
PERY THORNE	A	4-1516	MOLEKUELE	52560			7-2516	FK-SPEKTREN	73380			10-2045	KRIST.FEHL.	660
PERYSKHIN	AI	5-1899	FK-SPEKTREN	73310			8-1819	FLUESSIGK.	58576		NS	2- 481	MASER, LASER	280
PERZ	JM	3-2282	SUPRALEITG.	70550			9-2168	LEITFHGK.FK	70024			3- 496	MASER, LASER	280
		4- 102	UNTERRICHT	12055	PETIJEVICH	P	7- 78	LABORTECHN.	12530			6- 409	MASER, LASER	280
PERZL	F	8-2496	FK-SPEKTREN	73340	PETINOV	VI	3- 576	OPT.INSTRUM	28553			11- 448	MASER, LASER	280
PESCETTI	D	8- 66	UNTERRICHT	12030	PETIT	C	11-1090	KERNSTRUKT.	42555			12- 602	MASER, LASER	280
PESCH	W	2-2259	SUPRALEITG.	70510		DY	8-1718	FLUESSIGK.	58510		TG	10-2761	DUENNE SCHI	740
PESCHANSKY	VG	1-2231	LEITFHGK.FK	70065		GY	10-1805	FLUESSIGK.	58510		VI	10- 762	KERN-MESSG.	405
		9-2505	FK-SPEKTREN	73365			1-1203	KERNREAKTIO	43044		VH	2-2429	PHOTOLEITG.	725
PESCHEL	G	4-1797	FLUESSIGK.	58550			5-1142	KERNREAKTIO	43046			5-2636	OPT.EIG.FK	736
		5-2028	MECH.EIG.FK	66516			10-1137	KERNSTRUKT.	42560			8-2130	DIELEKTRIKA	680
		12-2080	FLUESSIGK.	58540			10-1162	KERNSTRUKT.	42570			8-2131	DIELEKTRIKA	680
PESELNICK	L	3-1571	FLUESSIGK.	58540		JL	5-2722	DUENNE SCHI	74040			8-2132	DIELEKTRIKA	680
PESHEV	P	8- 485	THERMODYN.	24554		M	1-2759	IONOSPHERE	91020			10-2004	KRISTALLE	655
PESHIKOV	EV	8-2009	KRIST.FEHL.	66073			1-2760	IONOSPHERE	91020			11-2678	HALBLEITER	715
PESHKIN	M	10- 299	FELDTHEORIE	18020			8-2796	IONOSPHERE	91045		VS	8- 588	MASER, LASER	280
PESIC	SS	12-1535	PLASMA	57030			10-2903	LUFTHUELLE	90870		YI	2-1601	DISP.SYST.	595
PESIN	MS	1- 683	PHYS.OPTIK	29045			1- 694	PHYS.OPTIK	29053		YK	2- 685	BESCHLEUNIG	410
PESKOV	OO	5-2664	OPT.EIG.FK	73645		R	2- 585	PHYS.OPTIK	29035	PETROVA	IB	10-2741	OPT.EIG.FK	736
PESKOVA	MZ	3-2566	OPT.EIG.FK	73635			11- 542	PHYS.OPTIK	29035		II	3-2137	MAGN.EIG.FK	690
PESKOVATSKII S.A.							8-2670	GRENZFL.FK	74520			11-2428	MAGN.EIG.FK	690
		4- 601	HF-TECHNIK	27560	PETIT CLERC Y		9-1751	KRISTALLE	65518		TS	12- 635	MASER, LASER	280
		6-2188	FK-SPEKTREN	73355	PETIT LE DU G		1-1239	KERNREAKTIO	43062	PETROVICH	EY	4-2424	FK-SPEKTREN	733
		8-2349	SUPRALEITG.	70550	PETITJEAN	C	1-1240	KERNREAKTIO	43062			7-1299	ATOME	520
		10-2431	SUPRALEITG.	70540			10-1253	KERNREAKTIO	43054	PETROVSKI	GT	6-1667	FLUESSIGK.	585
PESSALL	N	12-1366	KERNREAKTIO	43064	PETKOV	AP	3-1150	ATOME	52027	PETRU	F	1- 597	MASER, LASER	280</

HAHAK KA	10-1329	KERNREAKTIO	43092	PFLEIDERER J	10-3095	KOSM.PHYSIK	94550	PHINNEY RA	1-2685	ERDKOERPER	90240
ILKA V	8- 959	STARKE WW.	41725		10-3109	KOSM.PHYSIK	94565		9-2869	PLANETEN	93610
	9-1143	KERNSTRHLG.	44010	PFLETSCHINGER E.				PHIPPS PBP	4-2090	FK-SPEKTREN	73370
VA	11-1737	PLASMA	57070		6-1810	KRISTALLE	65545		5-1958	KRIST.FEHL.	66025
12-1826	PLASMA	57090	PFLUEGEL D	1- 478	ELEKTRODYN.	26510		PIACENTE V	10-2195	THERMIOG.FK	67550
5-1539	PLASMA	57015	PFLUG K	8-2890	PLANETEN	93620		PIASECKI E	2-1089	KERNREAKTIO	43092
HEK AG	7-2845	SONNENPHYS.	93324	PFORTMILLER L	10-2620	FK-SPEKTREN	73355	PIAU JM	1- 352	HYDRODYNAM.	23030
NGILL GH	1-2801	PLANETEN	93610	PFRENGER E	11-2394	MAGN.EIOG.FK	69035		1- 353	HYDRODYNAM.	23030
	3-2868	PLANETEN	93610	PFREPPER F	9- 984	KERN-SPEKTR.	42565	PIAZZA A	6- 596	KERN-MESSG.	40552
									6- 954	KERN-SPEKTR.	42555
RSOON G	12- 361	FELDTHEORIE	18048	PHAHLE AM	6-1738	FLUESSIGK.	58565	PIAZZOLI A	6- 596	KERN-MESSG.	40552
	5- 780	KERN-MESSG.	40503	PHAM H	12-2207	KRISTALLE	65588		11-1200	KERNREAKTIO	43022
	5-2024	MECH.EIOG.FK	66514	PHAM XY	11- 901	STARKE WW.	41775	PICARD C	6- 509	PHYS.OPTIK	29010
	6- 634	BESCHLEUNIG	41020	PHAM VAN HUONG	9-1312	MOLEKUELE	52538		10-1287	KERNREAKTIO	43064
H	1-1117	KERN-SPEKTR.	42560	PHAN L	1-2221	HALBLEITER	71530	PICARD F	10-1043	KERNSTRUKT.	42070
	7-1100	KERN-SPEKTR.	42555	PHARISEAU P	2-2189	LEITFHGK.FK	70020		10-1127	KERN-SPEKTR.	42555
	7-1134	KERN-SPEKTR.	42570		7-2224	LEITFHGK.FK	70053		10-1296	KERNREAKTIO	43070
	9- 959	KERN-SPEKTR.	42555		9-1635	FLUESSIGK.	58520		10-1303	KERNREAKTIO	43075
	9- 987	KERN-SPEKTR.	42570	PHARO III MW	10-2943	MAGNETOSPH.	91255	JC	1-2097	FK-SPEKTREN	73365
TT GD	1-2574	OPT.EIOG.FK	73645	PHELAN JJ	1- 741	KERN-MESSG.	40560		3-2203	LEITFHGK.FK	70024
	3-2584	OPT.EIOG.FK	73645	PHELAN JR. RJ	7- 484	TEILCH.OPT.	27062		5-2372	LEITFHGK.FK	70056
	4-2440	FK-SPEKTREN	73325		7-2572	OPT.EIOG.FK	73670	M	8-2262	LEITFHGK.FK	70026
	10- 588	MASER,LASER	28050	PHELPS AV	7-1607	PLASMA	57256	PICARD J	12-1511	ATOME	52030
	11-3028	OPT.EIOG.FK	73640		11-1603	MOLEKUELE	52580	PICASSO E	8- 320	FELDTHEORIE	18030
WT	12-3140	OPT.EIOG.FK	73645	DE	5- 525	HF-TECHNIK	27560	PICCHI P	2-2745	KOSM.STRIG.	90646
	5-1518	POLYMERE	53542	PL	12-3488	BIOPHYSIK	96040		2-2746	KOSM.STRIG.	90646
SS	9-1134	KERNSTRHLG.	44010	PHI DV	5- 209	QU.FELDTHEO	17020	PICCIARELLI V	1- 955	STARKE WW.	41764
R	12- 152	VAKUUM	13025	PHI HOURS J	6-2273	MAGN.EIOG.FK	69060		10- 919	STARKE WW.	41735
SM	9- 484	MASER,LASER	28020	PHILIBERT J	2-1734	KRIST.FEHL.	66020		10- 982	STARKE WW.	41764
HOV BS	5- 315	HYDRODYNAM.	23020		12-2179	KRISTALLE	65574		11- 789	STARKE WW.	41725
	7- 409	WAERME	24060	PHILIP JR	5- 329	HYDRODYNAM.	23040		11- 827	STARKE WW.	41735
	9- 314	HYDRODYNAM.	23040		11- 302	HYDRODYNAM.	23040	PICCOLI P	10-2292	MAGN.EIOG.FK	69040
BV	2-2190	LEITFHGK.FK	70038	PHILIPP G	11-1303	KERNREAKTIO	43064	PICHAHCHI LD	6-1411	PLASMA	57017
	4-2209	LEITFHGK.FK	70010		11-1304	KERNREAKTIO	43064	PICHANICK FMJ	10-1459	ATOME	52070
VA	2- 682	BESCHLEUNIG	41040	HR	10-2776	DUENNE SCHI	74040		11-1420	ATOME	52027
ASHVILI V.I.				PHILIPPE C	4- 826	KERN-MESSG.	40570	PICHA P	5-2767	GRENZFL.	74535
	5-1606	PLASMA	57085		11-1190	KERNREAKTIO	43016	PICHERIT F	11-3286	LUFTHUELLE	90860
	7-1536	PLASMA	57030	J	5-2669	OPT.EIOG.FK	73655	PICHT J	2- 393	ELEKTRODYN.	26540
IEWICZ J	11-1763	PLASMA	57085	PHILIPPOT J	11- 176	STATISTIK	17520	PICHUGIN AP	3- 570	OPT.INSTRUM	28545
Z	2-2587	DUENNE SCHI	74020	PHILIPPOV AI	10- 921	STARKE WW.	41735	PICINBONO B	4- 705	PHYS.OPTIK	29010
JR. JI	11-1956	DISP.SYST.	59520	GF	7-1007	KERNSTRUKT.	42010		5-2784	GRENZFL.	74570
EL B	10-2819	GRENZFL.FK	74570	PI	5- 888	STARKE WW.	41725	PICK M	7- 679	PHYS.OPTIK	29020
INGER KG	10-2307	MAGN.EIOG.FK	69060	PHILIPSBORN VON H.				R	9-2864	SONNENPHYS.	93340
OLD J	6- 155	QU.FELDTHEO	17000		6-1805	KRISTALLE	65518		7-2036	BITTERDYN.	67010
HW G	11-1960	KRISTALLE	65500	PHILLIPS A	5- 298	ELASTIZIT.	22530		10-1922	KRISTALLE	65530
JL	11- 300	HYDRODYNAM.	23030	AC	5-1121	KERNREAKTIO	43022	PICKAR PB	2-1698	KRISTALLE	65584
ERT K	8-2713	GRENZFL.FK	74583		6- 871	KERNSTRUKT.	42010	SJ	4-2183	MAGN.EIOG.FK	69060
EM JC	1-2029	DIELEKTRIKA	68030	D	2-1341	POLYMERE	53546		10-2277	MAGN.EIOG.FK	69030
	5-2149	DIELEKTRIKA	68030		4-1506	MOLEKUELE	52528		11-2320	MAGN.EIOG.FK	69010
LEY JR	7-2182	MAGN.EIOG.FK	69065	DC	11-2024	KRISTALLE	65572		11-2321	MAGN.EIOG.FK	69010
ER A	2- 797	STARKE WW.	41730	EC	10- 142	QUANTENTHEO	16516	PICKER P	11-2412	MAGN.EIOG.FK	69040
	3- 803	STARKE WW.	41730	GC	2- 653	KERN-MESSG.	40542		12- 479	WAERME	24040
	6- 812	STARKE WW.	41764		4-1036	KERNSTRUKT.	42010	PICKETT EE	8-1657	PLASMA	57093
TT EG	3- 697	KERN-MESSG.	40555		4-1236	KERNREAKTIO	43052	RC	10-1721	PLASMA	57093
	8- 795	KERN-MESSG.	40555		5-1148	KERNREAKTIO	43050	PICHAN L	7-1738	FLUESSIGK.	58546
SOV GA	8- 632	OPT.INSTRUM	28530		6- 549	KERN-MESSG.	40510	PICOT A	7- 745	KERN-MESSG.	40512
IMHOFF SD	5-1345	MOLEKUELE	52510		7-1189	KERNREAKTIO	43052	PICOZZA P	11-1200	KERNREAKTIO	43022
	8-1377	MOLEKUELE	52510		7-1192	KERNREAKTIO	43054	PICRAUX ST	11-2068	KRIST.FEHL.	66010
	10-1521	MOLEKUELE	52516		10-1735	PLASMA	57235	PICUS GS	3- 675	KERN-MESSG.	40520
AUD J	10-1661	PLASMA	57026		11- 605	KERN-MESSG.	40542		11-2710	HALBLEITER	71540
	11-1672	PLASMA	57026		11- 940	KERNSTRUKT.	42010	PIDDINGTON JH	11-2711	HALBLEITER	71566
	11-1673	PLASMA	57026		11-1257	KERNREAKTIO	43052		7-2952	KOSM.PHYSIK	94586
N	1-1545	PLASMA	57010		11-1310	KERNREAKTIO	43064		10-3000	PLANETEN	93614
	11-1655	PLASMA	57010	GW	3- 917	KERN-SPEKTR.	42540		12-3371	MAGNETOSPH.	91220
ON BJ	5-1425	PLASMA	57093		11-1108	KERN-SPEKTR.	42560	PIDGEON CR	4-2234	LEITFHGK.FK	70028
UBAUX R	12-3334	LUFTHUELLE	90860	H	11- 526	OPT.INSTRUM	28580		4-2487	OPT.EIOG.FK	73610
FF JA	5- 761	KERN-MESSG.	40582	JC	1-2188	LEITFHGK.FK	70028		11-2552	LEITFHGK.FK	70028
FELHUBER E	5- 223	QU.FELDTHEO	17040		3-2080	MAGN.EIOG.FK	69000	PIDORYA MM	7-1987	MECH.EIOG.FK	66514
	8- 215	QUANTENTHEO	16572		5- 710	PHYS.OPTIK	29083	PIDZYRAILO NS	2-2489	FK-SPEKTREN	73330
FLIN SM	11-3484	HOEREN	96310		5-1868	KRISTALLE	65530		4-2514	OPT.EIOG.FK	73640
W	7-2308	HALBLEITER	71510		6-2364	SUPRALEITG.	70520	PIEHL R	11-2097	KRIST.FEHL.	66030
S	2-1481	GASENTLADG.	57850		8-2444	FK-SPEKTREN	73300	PIEJUS P	5-1795	FLUESSIGK.	58557
	3-1483	GASENTLADG.	57850		9-2053	DIELEKTRIKA	68020		5-1796	FLUESSIGK.	58557
	6-1514	PLASMA	57093		10-1934	KRISTALLE	65530	PIEKOSZEWSKI J	4- 804	KERN-MESSG.	40530
FFER KH	3-2086	MAGN.EIOG.FK	69035		11-1983	KRISTALLE	65530	PIEL H	12- 965	ELEMENTART.	41574
	3-2087	MAGN.EIOG.FK	69020		11-1984	KRISTALLE	65530	PIEPENBRING R	1-1007	KERNSTRUKT.	42070
FFER H	3- 39	BUECHER	11010		11-1985	KRISTALLE	65530		10-1050	KERNSTRUKT.	42075
	9-1334	MOLEKUELE	52553		11-2854	FK-SPEKTREN	73325	PIEPER AG	10- 810	BESCHLEUNIG	41040
	9-2509	FK-SPEKTREN	73370	LF	9-1359	MOLEKUELE	52575	W	8-1090	KERN-SPEKTR.	42500
	12-3234	GRENZFL.FK	74535		9-1374	MOLEKUELE	52575	AD	1- 397	AKUSTIK	23520
	12-3245	GRENZFL.FK	74535		12-1691	MOLEKUELE	52575	C	5-2761	GRENZFL.FK	74535
	12-3246	GRENZFL.FK	74535		12-1837	PLASMA	57093		12-3241	GRENZFL.FK	74535
HJ	7- 360	AKUSTIK	23530	NE	12-2359	MECH.EIOG.FK	66550	JF	3- 534	MASER,LASER	28055
RJ	8- 405	HYDRODYNAM.	23070		12-2450	THERMIOG.FK	67556	RD	5-2264	MAGN.EIOG.FK	69045
FFER B	11-1810	PLASMA	57279	OM	1- 386	HYDRODYNAM.	23070		9-1988	THERMIOG.FK	67510
E	4-1286	KERNREAKTIO	43092	RF	12-2060	FLUESSIGK.	58568	TE	7-1041	KERN-SPEKTR.	42510
ER	3-2324	SUPRALEITG.	70540	RH	10- 899	STARKE WW.	41725	AR	11-2466	MAGN.EIOG.FK	69060
	5-2408	SUPRALEITG.	70530	RJN	1- 924	STARKE WW.	41755	JE	3-1578	FLUESSIGK.	58543
	6-2372	SUPRALEITG.	70530		2- 829	STARKE WW.	41745		6-2259	MAGN.EIOG.FK	69040
GV	11-1503	MOLEKUELE	52514		2- 856	STARKE WW.	41755	PIERRE J	6-2121	THERMIOG.FK	67530
HC	5-1469	MOLEKUELE	52576		3- 797	STARKE WW.	41725	ED	2- 953	KERN-SPEKTR.	42545
	10-1736	MASER,LASER	28000		4- 959	STARKE WW.	41740	WR	2- 970	KERN-SPEKTR.	42555
KO	6-1098	KERNREAKTIO	43085		9- 790	STARKE WW.	41700		5-1067	KERN-SPEKTR.	42555
	9-1083	KERNREAKTIO	43085		9- 855	STARKE WW.	41755	PIESCH E	4-2912	STRAHL.BIOL	97010
	7-1206	KERNREAKTIO	43064		11- 790	STARKE WW.	41725	JL	6- 123	QUANTENTHEO	16536
L	5-1120	KERNREAKTIO	43022	RL	12-1903	GASENTLADG.	57870		9-1953	BITTERDYN.	67010
R	5- 601	OPT.INSTRUM	28513	RP	1-2589	DUENNE SCHI	74010	B	12-1870	PLASMA	57250
STICKER K	2-1488	GASENTLADG.	57860	TG	2-2165	MAGN.EIOG.FK	69070	PETRASSZKA J	6-1197	ATOME	52047
DER E					5-2294	MAGN.EIOG.FK	69070	W	2-1549	FLUESSIGK.	58540
TY P	7-2033	BITTERDYN.	67010		11-2517	MAGN.EIOG.FK	69070	WB	8- 365	ELASTIZIT.	22595
SCH D	1-1544	PLASMA	57026		12-3016	FK-SPEKTREN	73360	H	1- 801	ELEMENTART.	41546
	7- 123	MATH.PHYSIK	16020	TW	12-1203	KERN-SPEKTR.	42540		1- 908	STARKE WW.	41735
TER O	11-2272	DIELEKTRIKA	68020	WC	6-2649	DUENNE SCHI	74020		2- 872	STARKE WW.	41760
H	4- 895	ELEMENTART.	41560	WB	8-1292	KERNSTRHLG.	44030		6- 780	STARKE WW.	41735
	6- 39	BUECHER	11020		8-1852	KRISTALLE	65545		6- 800	STARKE WW.	41753
	9- 787	ELEMENTART.	41586	WG	1- 618	OPT.INSTRUM	28526	PIETZRAC TM	2-1319	MOLEKUELE	52575
W	8-2735	GEOMAGNET.	90470	WR	3- 931	KERN-SPEKTR.	42545	JH	8-2514		

PIGNOCCO - PLAYKO

PIGNOCCO	AJ	2-2652	GRENZFL.FK	74530	PINES	BY	4-1988	MECH.EIG.FK	66545	PISTOLKORS	AA	3- 596	OPT.INSTRUM	28
PIGNOTTI	A	4- 227	QUANTENTHEO	16575			5-2716	DUENNE SCHI	74030			7- 513	HF-TECHNIK	27
		4-1019	STARKE WW.	41780			6-1840	KRISTALLE	65572			12- 709	OPT.INSTRUM	28
		7- 176	QUANTENTHEO	16582			9-2632	KRIST.FEHL.	66010	PISTOR	W	5-1952	KRIST.FEHL.	66
		12-1082	STARKE WW.	41755			11-2073	KRIST.FEHL.	66010	PISTORIUS	CWF	1-1939	MECH.EIG.FK	66
PIGOTT	MT	1- 326	HYDRODYNAM.	23010	PINGS	CJ	3-1537	FLUESSIGK.	58520			2-1858	MECH.EIG.FK	66
PIGUZOV	YV	12-2187	KRISTALLE	65578			5-1788	FLUESSIGK.	58546			7-2099	THERMEIG.FK	67
PIIR	KY	4-2522	OPT.EIG.FK	73670			8-1729	FLUESSIGK.	58520			8- 107	LABORTECHN.	12
PIK PICHAC	GA	4-1085	KERNSEKTR.	42525			11-1928	FLUESSIGK.	58555			9-2037	THERMEIG.FK	67
PIK PICHAC	GA	5-1018	KERNSTRUKT.	42070	PINHO DE	AG	3- 954	KERNSEKTR.	42555			9-2043	THERMEIG.FK	67
PIKALOVA	IS	6-2157	DIELEKTRIKA	68040			8-1158	KERNSEKTR.	42560			12-2440	THERMEIG.FK	67
PIKE	ER	5-2388	SUPRALEITG.	70510			12-1263	KERNSEKTR.	42560			12-2451	THERMEIG.FK	67
		9- 574	OPT.INSTRUM	28545	PINK	DA	6-2241	MAGN.EIG.FK	69030	PISTOULET	B	5-2662	OPT.EIG.FK	73
		11- 435	MASER,LASER	28035		F	2-2573	DUENNE SCHI	74010			9-2176	LEITFHGK.	70
PIKELNER	SB	10-3056	STERNE	94040		H	3- 498	MASER,LASER	28045			11-2767	HALBLEITER	71
PIKETTY	CA	3- 735	ELEMENTART.	41543			12-3080	FK-SPEKTREN	73370	PISTRYAK	VM	2-1471	PLASMA	57
PIKHIN	AN	1-2520	OPT.EIG.FK	73605	PINKAU	K	2-2737	KOSM.STRLG.	90630	PISUT	J	1- 848	STARKE WW.	41
		12-3145	OPT.EIG.FK	73645			5- 751	KERN-MESSG.	40560			1- 893	STARKE WW.	41
PIKIN	SA	2-2076	MAGN.EIG.FK	69020			11-3263	KOSM.STRLG.	90646			2- 772	STARKE WW.	41
		5-2253	MAGN.EIG.FK	69030	PINKEVICH	IP	5-1391	MOLEKUELE	52540	PISUTOVA	N	7-2607	DUENNE SCHI	74
PIKKA	TA	12-2770	HALBLEITER	71530	PINNEY	E	6-1414	PLASMA	57026	PITAEVSKII	LP	3- 117	QUANTENTHEO	16
PIKSIS	AH	11-2005	KRISTALLE	65545	PINNINGTON	EH	4-1371	ATOME	52027			3-1560	FLUESSIGK.	58
PIKULIK	LG	2-2542	OPT.EIG.FK	73630			4-1372	ATOME	52027	PITHA	J	5-2591	FK-SPEKTREN	73
PIKUS	GE	1-2408	HALBLEITER	71570			5- 612	OPT.INSTRUM	28530	PITKE	MY	6-2673	DUENNE SCHI	74
		5-2492	HALBLEITER	71560	PINNOW	DA	9-1717	FLUESSIGK.	58573	PITRE	J	4-1384	ATOME	52
		7-1621	GASENTLADG.	57810	PINSKER	IZ	8-2407	OPT.EIG.FK	73620			8-1349	ATOME	52
		11-1833	GASENTLADG.	57860		TN	5-2484	HALBLEITER	71540	PITSI	G	8-2526	FK-SPEKTREN	73
PILAT	MJ	7- 688	PHYS.OPTIK	29040		ZG	11-3053	DUENNE SCHI	74000	PITSYUGA	VG	7-1737	FLUESSIGK.	58
PILCHER	J	3- 799	STARKE WW.	41725	PINSKI	G	12-3184	DUENNE SCHI	74020	PITT	KEG	5-2698	DUENNE SCHI	74
PILDON	VI	3-1771	KRIST.FEHL.	66025			4- 194	QUANTENTHEO	16516			7- 101	VAKUUM	13
PILIPCHENKO VA		4-1247	KERNREAKTIO	43054			9- 831	STARKE WW.	41740			7-2594	DUENNE SCHI	74
PILIPENKO GI		7-2488	FK-SPEKTREN	73355	PINSON	P	5-1456	MOLEKUELE	52560	PITTAWAY	LG	10-2820	GRENZFL.FK	74
		8-2503	FK-SPEKTREN	73345	PINSON JR.	WH	1-2680	ERDKOERPER	90210	PITZER	KS	2-1225	MOLEKUELE	52
		12-2314	KRIST.FEHL.	66076	PINSTON	JA	3- 991	KERNSEKTR.	42570			5-2173	FK-SPEKTREN	73
	VV	8- 639	OPT.INSTRUM	28540			12-1250	KERNSEKTR.	42555			7-1723	FLUESSIGK.	58
PILIPETSKII NF		2-1836	KRIST.FEHL.	66070	PINTACUDA	N	9- 595	PHYS.OPTIK	29010			3-1215	MOLEKUELE	52
		10-1837	FLUESSIGK.	58530	PINTAR	M	2-2013	FK-SPEKTREN	73370			4-1464	MOLEKUELE	52
		12-2280	KRIST.FEHL.	66035			5-2107	GITTERDYN.	67095	PIVOVAR	LI	1-1437	ATOME	52
PILIPETSKY NF		12- 754	PHYS.OPTIK	29063			5-2175	FK-SPEKTREN	73370			9-1547	ATOME	52
PILIPOVICH VA		9- 514	MASER,LASER	28045			12-2570	MAGN.EIG.FK	69060			9-2284	HALBLEITER	71
		10- 578	MASER,LASER	28045			12-3055	FK-SPEKTREN	73370	PIXLEY	RE	2- 946	KERNSEKTR.	42
PILIYA	AD	8-1664	PLASMA	57206	PINTO	LH	9-3024	HOEREN	96310			2- 957	KERNSEKTR.	42
PILKINGTON	JA	5-2817	LUFTHUELLE	90815	PINTON	MH	10-1546	MOLEKUELE	52538			7-1085	KERNSEKTR.	42
	JDH	11-3448	KOSM.PHYSIK	94550	PINTSCHOVIVUS L		4- 787	KERN-MESSG.	40518			8-1108	KERNSEKTR.	42
	TC	4-2587	DUENNE SCHI	74050	PIOTROWSKI J		8-1535	POLYMERE	53544			11- 660	BESCHLEUNIG	41
PILKUHN	H	2- 733	ELEMENTART.	41566	PIOVOSO	MJ	7- 446	ELEKTRODYN.	26530	PIZZI	JR	10-1288	KERNREAKTIO	430
		4-1004	STARKE WW.	41764	PIPERNO	F	10-1714	PLASMA	57085			12-1370	KERNREAKTIO	430
		4-1013	STARKE WW.	41770	PIPINIS	PA	9-2702	GRENZFL.FK	74580			3- 242	STATISTIK	175
		10-2872	KOSM.STRLG.	90640	PIPIRAITE	P	4-1074	KERNSTRUKT.	42080	PIZZICHINI	G	9-1844	KRIST.FEHL.	66
PILKUN	MH	10- 586	MASER,LASER	28050			11-1169	KERNREAKTIO	43005	PIZZINI	S	3-2244	LEITFHGK.	70
PILLER	MH	1-2574	OPT.EIG.FK	73645	PIPKIN	AC	1- 308	HYDRODYNAM.	23020	PKHAKADZE	MG	4-1340	KERNSTRHLG.	440
	H	1-2195	LEITFHGK.FK	70035			2-2073	MAGN.EIG.FK	69020			4-1340	KERNSTRHLG.	440
		3-2518	FK-SPEKTREN	73330			8- 371	HYDRODYNAM.	23020	PLACA LA	S	5-2274	MAGN.EIG.FK	690
		10-2458	HALBLEITER	71520			11- 263	ELASTIZIT.	22520	PLACCI	A	3- 734	ELEMENTART.	415
PILLET	G	4- 58	TAGUNGEN	10570		FM	5- 839	ELEMENTART.	41574			6- 554	KERN-MESSG.	405
PILLIAR	RM	2-1715	KRISTALLE	65588			5-1129	KERNREAKTIO	43034	PLACE	CH	7-1327	ATOME	52
PILLINGER	WL	8-1177	KERNSEKTR.	42575			5-1248	ATOME	52040			12-2621	LEITFHGK.FK	70
PILOT	J	3-2712	ERDKOERPER	90250			6- 722	ELEMENTART.	41574		H	4- 603	HF-TECHNIK	275
PILSCHCHIKOV AI		1-2124	MAGN.EIG.FK	69030			7-1803	KRISTALLE	65540			5-2137	DIELEKTRIKA	680
		3-2078	FK-SPEKTREN	73365			10-2563	FK-SPEKTREN	73325	PLACHINDA	AS	6-2717	GRENZFL.FK	745
		12-2547	MAGN.EIG.FK	69030			12- 959	ELEMENTART.	41574	PLACIOUS	RC	1-1329	KERNSTRHLG.	440
PILSKII	VI	2-1374	PLASMA	57050			12-1255	KERNSEKTR.	42560	PLANTE	E	10- 302	FELDTHEORIE	180
		10-1685	PLASMA	57050	PIPKORN	DN	3-1637	KRISTALLE	65545	PLAJNER	Z	4-1161	KERNSEKTR.	42
PILUSO	CJ	5-1026	KERNSEKTR.	42510			7-2402	FK-SPEKTREN	73310	PLAKHOTNYUK AM		12- 526	ELEKTIZIT.	260
PILYANKEVICH A.N.		1-2609	DUENNE SCHI	74020	PIPPARD	AB	12-2728	METAL.LEITG	71000	PLAKHOV	AG	12-1869	PLASMA	572
		10-2064	KRIST.FEHL.	66065	PIQUET	A	9- 457	TEILCH.OPT.	27035	PLAKHTII	VP	9-2149	MAGN.EIG.FK	690
PILZ	H	9-1118	K-REAKTOREN	43515	PIRAGINO	G	2-1010	KERNREAKTIO	43026			10-2237	MAGN.EIG.FK	690
PIMBLEY	WT	10- 629	OPT.INSTRUM	28530			9- 940	KERNSEKTR.	42540	PLAKIDA	NH	9-2248	METAL.LEITG	710
PIMENOV	AK	8-2038	MECH.EIG.FK	66545	PIRANI	FAE	2- 229	FELDTHEORIE	18060			10-1924	KRISTALLE	655
	BA	2- 343	WAERME	24060	PIRC	R	12-2247	KRIST.FEHL.	66025	PLAMBECK	JA	10-1880	FLUESSIGK.	58
	IA	9-1038	KERNREAKTIO	43050	PIRIE	JD	10-2552	FK-SPEKTREN	73320	PLANK	R	12- 13	BIOGRAPHIEN	102
	MI	4-2698	KOSM.STRLG.	90600	PIRINCHIEVA RK		2-2473	FK-SPEKTREN	73325			12- 21	BIOGRAPHIEN	102
	YD	10- 762	KERN-MESSG.	40584	PIRKMAJER	E	6-1971	KRIST.FEHL.	66060	PLANO	R	8- 868	ELEMENTART.	415
PIMENTEL	GC	12-2819	HALBLEITER	71580			12-3072	FK-SPEKTREN	73370		RJ	10- 901	STARKE WW.	41
		4-1469	MOLEKUELE	52536	PIRNE	K	12-2530	MAGN.EIG.FK	69025	PLASKETT	JS	5- 670	PHYS.OPTIK	290
		5- 577	MASER,LASER	28055	PIROLA	L	6-2144	DIELEKTRIKA	68020	PLASS	D	2-2756	LUFTHUELLE	908
		5-2588	FK-SPEKTREN	73330	PIRON	C	2- 97	QUANTENTHEO	16526		G	1- 738	KERN-MESSG.	405
		7-1304	ATOME	52024			9- 128	QUANTENTHEO	16523		GN	3- 625	PHYS.OPTIK	290
		8-1427	MOLEKUELE	52536	PIROUQ	PA	1- 804	ELEMENTART.	41546			6- 529	PHYS.OPTIK	290
		14-1433	MOLEKUELE	52538			9- 828	STARKE WW.	41740			7- 687	PHYS.OPTIK	290
PINAEV	VC	9-3001	KOSM.PHYSIK	94570	PIROZHKOV	MI	8-2502	FK-SPEKTREN	73345			9-2774	LUFTHUELLE	908
PINAJIAN	JJ	2- 662	KERN-MESSG.	40582	PIRRO	P	7- 381	WAERME	24026			10- 698	PHYS.OPTIK	290
		7-1077	KERNSEKTR.	42545	PISANI	C	6-2715	GRENZFL.FK	74535			11- 547	PHYS.OPTIK	290
PINARD	J	6- 450	OPT.INSTRUM	28530			6-2716	GRENZFL.FK	74535			12- 734	PHYS.OPTIK	290
	P	6- 451	OPT.INSTRUM	28530			7- 109	VAKUUM	13025	PLASTINO	KG	8- 425	AKUSTIK	235
		2- 61	VAKUUM	13030			7- 110	VAKUUM	13025		A	1-1154	KERNSEKTR.	42
		5- 278	MECHANIK	22050	PISANKO	NI	12- 167	VAKUUM	13060			2- 969	KERNSEKTR.	42
		7- 827	BESCHLEUNIG	41010		ZI	4-1937	KRIST.FEHL.	66035			2-1057	KERNREAKTIO	430
		10-2777	DUENNE SCHI	74040			11-1141	KERNSEKTR.	42565			4-1069	KERNSTRUKT.	420
		11-2244	THERMEIG.FK	67520			11-1178	KERNREAKTIO	43008	PLATNER VON C		9- 921	KERNSEKTR.	42
		11-3194	GRENZFL.FK	74570	PISARENKO	NF	11-1234	KERNREAKTIO	43048		ED	11-1061	KERNSEKTR.	42
PINATTI	DO	9- 371	WAERME	24030			3-2738	KOSM.STRLG.	90630			1- 857	STARKE WW.	41
PINCHEVSKII AD		7- 385	WAERME	24026			3-2739	KOSM.STRLG.	90630	PLATNER		2- 784	STARKE WW.	41
		12- 476	WAERME	24023			8- 234	QUANTENTHEO	16580			4-1012	STARKE WW.	41
PINCHUK	II	2-2366	HALBLEITER	71550	PISAREV	VG	5- 916	STARKE WW.	41740			5- 909	STARKE WW.	41
PINCUS	P	1-2259	SUPRALEITG.	70520		AF	9-1667	FLUESSIGK.	58530	PLATON	VD	10-2852	GEOMAGNET.	904
		6-1658	FLUESSIGK.	58525			10- 932	STARKE WW.	41740	PL				

PLAVKO - POLMAN

AV	11-1271	KERNREAKTIO	43054	PODOBED	VV	7-2826	ASTROPHYSIK	93000	POLAK	JA	5-1173	KERNREAKTIO	43085
DJ	3-1618	KRISTALLE	65512	PODSOTSKAYA	NK	6-416	MASER,LASER	28045	LS	4-1583	POLYMERE	53544	
EF	11-1218	KERNREAKTIO	43040	PODSTRIGACH	YS	6-232	ELASTIZIT.	22520		7-590	MASER,LASER	28060	
BI	12-153	VAKUUM	13025	PODURETZ	MA	1-2820	STERNE	94050	POLANDOV	IN	2-1862	MECH.EIG.FK	66553
F	10-1097	KERNESPEKTR.	42545	PODVIDZ	GL	5-437	GASE	58045			6-2061	MECH.EIG.FK	66553
JN	6-2537	FK-SPEKTREN	73330	POEDDER	B	9-2275	HALBLEITER	71520			10-2120	MECH.EIG.FK	66553
R	6-544	KERN-MESSG.	40503	POEHLER	TO	1-2507	FK-SPEKTREN	73335			11-2200	MECH.EIG.FK	66553
AS	6-1437	PLASMA	57045			11-465	MASER,LASER	28055	POLASEK	J	8-432	AKUSTIK	23550
VG	12-2557	MAGN.EIG.FK	69040	POELTZ	HD	10-825	ELEMENTART.	41500	JC	4-660	OPT.INSTRUM	28520	
NV	9-1545	PLASMA	57235	POELZ	G	3-811	STARKE WW.	41735	YML	12-2483	DIELEKTRIKA	68020	
	11-652	BESCHLEUNIG	41010			5-1008	KERNSTRUKT.	42030			3-2109	MAGN.EIG.FK	69035
	11-653	BESCHLEUNIG	41010			6-916	KERNESPEKTR.	42540			6-1922	KRIST.FEHL.	66035
	11-659	BESCHLEUNIG	41020			10-1401	ATOME	52022			3-524	MASER,LASER	28055
AA	7-558	MASER,LASER	28050			10-1402	ATOME	52022			8-726	PHYS.OPTIK	29048
VP	11-1855	GASE	58025	POENARU	DN	8-762	KERN-MESSG.	40520			3-1292	MOLEKUELE	52556
IA	8-974	STARKE WW.	41735	POENITZ	WP	3-1092	KERNREAKTIO	43092			5-553	MASER,LASER	28040
H	8-643	OPT.INSTRUM	28545			8-752	KERN-MESSG.	40510			7-672	PHYS.OPTIK	29010
I	3-1086	KERNREAKTIO	43080	POETZL	HW	7-2233	LEITFHGK.FK	70056			11-532	PHYS.OPTIK	29010
	5-1179	KERNREAKTIO	43085			7-2342	HALBLEITER	71540	POLETTI	AR	3-918	KERNESPEKTR.	42540
	11-1277	KERNREAKTIO	43056			3-641	PHYS.OPTIK	29060			6-928	KERNESPEKTR.	42545
T	8-1284	KERNSTRHLG.	44010	POEVERLEIN	H	10-1139	KERNESPEKTR.	42560			6-930	KERNESPEKTR.	42545
				POFFE	N	10-1140	KERNESPEKTR.	42560			9-935	KERNESPEKTR.	42540
IS DE V. DU P.	11-2248	THERMEIG.FK	67530			9-1801	KRISTALLE	65574			11-1054	KERNESPEKTR.	42545
AA	2-995	KERNESPEKTR.	42570	POGANY	AP	9-1802	KRISTALLE	65574			12-1199	KERNESPEKTR.	42545
	3-1091	KERNREAKTIO	43092			4-800	KERN-MESSG.	40505	POLGA	T	12-1366	KERNREAKTIO	43064
	10-1245	KERNREAKTIO	43048	POGODIN	VI	2-2800	IONOSPHERE	91070	E	3-848	STARKE WW.	41764	
F	1-45	BUECHER	11010	POGORELOV	VI	8-2568	FK-SPEKTREN	73380	EE	6-837	STARKE WW.	41770	
YA	1-764	BESCHLEUNIG	41040	POGORELOVA	EV	7-480	TEILCH.OPT.	27054	G	6-2813	LUFTHUELLE	90890	
WA	1-2589	DUENNE SCHI	74010	POGORELSKIY	MM	8-595	MASER,LASER	28045	AJP	3-1090	KERNREAKTIO	43085	
	3-2598	DUENNE SCHI	74010	POGORELYI	ON	4-621	MASER,LASER	28045			5-731	KERN-MESSG.	40518
	3-2650	DUENNE SCHI	74060	POGORETSKII	PP	12-806	KERN-MESSG.	40522			7-748	KERN-MESSG.	40518
	5-2686	DUENNE SCHI	74010	POGOSOV	VS	12-806	KERN-MESSG.	40522			7-752	KERN-MESSG.	40518
	5-2701	DUENNE SCHI	74010	POGOSYAN	VA	1-1595	PLASMA	57040			12-784	KERN-MESSG.	40518
J	5-1372	MOLEKUELE	52514			12-2642	LEITFHGK.FK	70035	POLICEC	A	3-2166	MAGN.EIG.FK	69070
	7-1421	MOLEKUELE	52536	POGREBNOI	VN	9-2731	GEOMAGNET.	90440	RM	3-686	KERN-MESSG.	40532	
Z	7-2141	MAGN.EIG.FK	69020	POGSON	EH	2-2569	DUENNE SCHI	74010			6-931	KERNESPEKTR.	42545
R	1-2861	HOEREN	96310	POGUTSE	OP	1-1614	PLASMA	57263			6-932	KERNESPEKTR.	42545
	11-3488	HOEREN	96310			3-1461	PLASMA	57263			11-1057	KERNESPEKTR.	42545
	11-3492	HOEREN	96310	POHL	B	9-1455	PLASMA	57033					
MA	5-680	PHYS.OPTIK	29040			12-1877	PLASMA	57266	POLIEVKTov	NIKOLADZE N.M.	4-340	FELDTHEORIE	18060
MN	10-447	FLUESSIGK.	58530			3-1043	KERNREAKTIO	43054			7-211	QU.FELDTHEORIE	17050
	12-3340	LUFTHUELLE	90880			6-1065	KERNREAKTIO	43054			8-846	ELEMENTART.	41535
D	8-454	WAERME	24030	BA	10-1047	KERNSTRUKT.	42075				9-237	FELDTHEORIE	18040
D	10-1309	KERNREAKTIO	43080	D	7-537	MASER,LASER	28045				9-2839	SONNENPHYS.	93300
TA	2-2452	OPT.EIG.FK	73605			8-1812	FLUESSIGK.	58573	SM	2-995	KERNESPEKTR.	42570	
AF	1-2439	OPT.EIG.FK	73605			10-571	MASER,LASER	28045			3-1091	KERNREAKTIO	43092
VG	2-2564	OPT.EIG.FK	73625			12-2070	FLUESSIGK.	58573			8-1178	KERNESPEKTR.	42575
MY	2-1986	DIELEKTRIKA	68030	F	5-1638	PLASMA	57216				10-1171	KERNESPEKTR.	42575
RN	10-643	OPT.INSTRUM	28540	RO	2-1927	THERMEIG.FK	67520				10-1245	KERNREAKTIO	43048
F	3-798	STARKE WW.	41725			6-2113	THERMEIG.FK	67520			11-1344	KERNREAKTIO	43090
GS	12-549	TEILCH.OPT.	27030			11-2227	THERMEIG.FK	67510			9-141	QUANTENTHEO	16530
E	12-659	OPT.INSTRUM	28510	POHLENDT	E	2-2358	HALBLEITER	71530			4-75	BUECHER	11040
M	1-1902	KRIST.FEHL.	66065	POHLIT	W	10-3148	STRAHL.BIOL	97020	POLIKAROV	AS	4-76	BUECHER	11040
HH	3-351	WAERME	24023			10-3149	STRAHL.BIOL	97020			9-963	KERNESPEKTR.	42555
D	1-1479	FLUESSIGK.	58576	POHLMAN	R	12-128	LABORTECHN.	12570			11-2082	KRIST.FEHL.	66020
R	2-1685	KRISTALLE	65576	POHLMAYER	K	5-225	QU.FELDTHEO	17060	POLING	SM	10-1862	FLUESSIGK.	58557
	5-2267	MAGN.EIG.FK	69045			8-280	QU.FELDTHEO	17060	POLISHCHUK	RF	10-312	FELDTHEORIE	18040
	5-2268	MAGN.EIG.FK	69045			12-293	QU.FELDTHEO	17060	POLITO	WJ	2-2588	DUENNE SCHI	74020
	11-2312	MAGN.EIG.FK	69010	POIANI	G	10-1223	KERNREAKTIO	43044	POLITOV	NG	5-2105	GITTERDYN.	67070
EW	5-2785	GRENZFL.FK	74573	POIMANOV	AM	2-1569	FLUESSIGK.	58546			8-1972	KRIST.FEHL.	66035
JP	11-1610	MOLEKUELE	52590	POINCELOT	P	1-487	ELEKTRODYN.	26530			8-1997	KRIST.FEHL.	66065
WT	4-696	OPT.INSTRUM	28570			1-674	PHYS.OPTIK	29033			11-2923	FK-SPEKTREN	73355
	12-3333	LUFTHUELLE	90860			1-2022	DIELEKTRIKA	68020	POLITZER	PA	5-1566	PLASMA	57055
P	9-2488	FK-SPEKTREN	73355			2-387	ELEKTRODYN.	26500			5-1599	PLASMA	57085
LM	2-1706	KRISTALLE	65584			7-512	HF-TECHNIK	27550	POLIVANOV	MK	6-172	QU.FELDTHEO	17040
	11-2051	KRISTALLE	65584			12-536	ELEKTRODYN.	26530			12-601	MASER,LASER	28040
GOVA BAKUNINA T.A.	9-2734	GEOMAGNET.	90450	POINDEXTER	EH	7-1749	FLUESSIGK.	58557			12-1435	K-REAKTOREN	43540
EK	2-517	OPT.INSTRUM	28530	POINT	G	2-2702	ERDKOERPER	90260	POLIVANSKIY	YN	8-337	MECHANIK	22010
RJ	7-235	STATISTIK	17530	POINTON	AJ	11-2931	FK-SPEKTREN	73360	POLJAKOV	GG	12-691	OPT.INSTRUM	28560
	10-136	QUANTENTHEO	16513	POINTU	AM	11-1739	PLASMA	57075	POLKE	M			
	11-97	QUANTENTHEO	16526	POIRIER	CP	1-854	STARKE WW.	41725	POLKINGHORNE J.C.		3-164	QUANTENTHEO	16575
AM	3-2714	ERDKOERPER	90250			1-858	STARKE WW.	41725			5-186	QUANTENTHEO	16582
II	10-2597	FK-SPEKTREN	73330			6-816	STARKE WW.	41764			6-162	QU.FELDTHEO	17015
AA	7-1599	PLASMA	57235			7-905	STARKE WW.	41725			7-841	ELEMENTART.	41540
OW	8-2860	SONNENPHYS.	93326			7-907	STARKE WW.	41725			9-200	QU.FELDTHEO	17030
J	2-891	STARKE WW.	41790			12-1003	STARKE WW.	41725	POLL	JD	1-1450	MOLEKUELE	52512
T	10-1011	STARKE WW.	41790			6-2048	MECH.EIG.FK	66540			2-1224	MOLEKUELE	52512
A	11-3226	ERDKOERPER	90260			11-2674	HALBLEITER	71520	POLLACK	GL	6-2141	DIELEKTRIKA	68020
D	6-1703	FLUESSIGK.	58550			7-1530	PLASMA	57045			9-1647	FLUESSIGK.	58525
	7-319	HYDRODYNAM.	23020			11-1691	PLASMA	57045			4-2658	ERDKOERPER	90210
JM	6-1094	KERNREAKTIO	43075	POITTEVIN	LE G	10-1207	KERNREAKTIO	43028			4-2909	HOEREN	96310
BE	3-284	ELASTIZIT.	22520	POIZAT	JC	7-1942	KRIST.FEHL.	66060			9-3019	HOEREN	96310
F	3-1554	FLUESSIGK.	58525			11-2124	KRIST.FEHL.	66060					
	3-1628	KRISTALLE	65540			12-1356	KERNREAKTIO	43054			8-2875	PLANETEN	93612
	10-1833	FLUESSIGK.	58527	POKATAEV	AI	8-347	MECHANIK	22034			8-2877	PLANETEN	93612
	11-1892	FLUESSIGK.	58525	POKAZANEV	VG	2-1310	ATOME	52035			8-2884	PLANETEN	93613
	2-1543	FLUESSIGK.	58530			6-1195	ATOME	52035			10-2985	PLANETEN	93612
	12-1979	FLUESSIGK.	58530			12-1516	ATOME	52035			4-632	MASER,LASER	28055
VI	2-2844	PLANETEN	93610			12-1517	ATOME	52035			7-564	MASER,LASER	28055
GY	9-2717	GEOMAGNET.	90430	POKAZANIEV	VG	7-1315	ATOME	52035			10-593	MASER,LASER	28055
Z	7-365	AKUSTIK	23570			7-1316	ATOME	52035			8-2611	OPT.EIG.FK	73640
	4-2401	PHOTOLEITG.	72510	POKAZANYEV	VG	9-1240	ATOME	52075	POLLAK	FA	1-2190	LEITFHGK.FK	70028
	9-1516	PLASMA	57085			10-1417	ATOME	52035			1-2523	OPT.EIG.FK	73610
	1-1174	KERNREAKTIO	43012	POKHIL	GP	1-1162	KERNREAKTIO	43000			2-2527	OPT.EIG.FK	73605
	4-285	QU.FELDTHEO	17060	POKORSKI	S	1-913	STARKE WW.	41753			5-2053	MECH.EIG.FK	66556
						3-1016	KERNREAKTIO	43022			12-2634	LEITFHGK.FK	70028
						2-2648	GRENZFL.FK	74520			5-1426	MOLEKUELE	52520
						4-114	MESSEN	12215			5-1832	FLUESSIGK.	58573
						3-1575	FLUESSIGK.	58540			1-2332	HALBLEITER	71520
						2-2190	LEITFHGK.FK	70038			7-1745	FLUESSIGK.	58557
						2-483	MASER,LASER	28050	POLLARD	H	10-328	FELDTHEORIE	18060
						3-2418	HALBLEITER	71563			9-2661	GRENZFL.FK	74520
						4-2402	PHOTOLEITG.	72510			3-266		

POLMAN J	11-1767	PLASMA	57090	PONS CORBEA J	9-2380	FK-SPEKTREN	73315	POPOVICI M	10-2232	MAGN.EIG.FK	6	
POLONSKY M	2-1157	ATOME	52045		10-2140	GITTERDYN.	67020		11-2305	MAGN.EIG.FK	8	
	3-1147	ATOME	52027	PONSONBY JEB	9-2825	ASTROPHYSIK	93020	POPPA H	4-2538	DUENNE SCHI	7	
	11-1429	ATOME	52040	PONTE M	4- 28	BIOGRAPHIEN	10240	POPPEI G	2- 39	UNTERRICHT	1	
VV	8-2853	SONNENPHYS.	93320	PONTECORVO D	7- 844	ELEMENTART.	41540	POPPEIDIEK HF	7-2750	LUFTHUELLE	9	
POLONYANKIN BN	12-2773	HALBLEITER	71530		11- 690	ELEMENTART.	41540	POPPER DM	8-2918	STERNE	9	
POLOSATKIN GD	4- 357	MECHANIK	22050		GB	4- 818	KERN-MESSG.	40560		9-2912	STERNE	9
POLOTNYUK VV	12-2369	MECH.EIG.FK	66553	PONTER AB	5-1770	FLUESSIGK.	58540	OF	12- 885	KERN-MESSG.	4	
POLOUJADOFF M	9- 423	ELEKTRIZIT.	26016	PONTIGGIA C	8- 66	UNTERRICHT	12030	POPPELWELL J	10-2455	METAL.LEITG	7	
	9- 427	ELEKTRIZIT.	26040	PONTINEN RE	6-1685	FLUESSIGK.	58543	RJL	12-1623	MOLEKUELE	5	
POLOVIN RV	11-2576	LEITFHGK.FK	70056	PONTIUS PE	4- 112	MESSEN	12215	POPS H	1- 313	ELASTIZIT.	2	
POLOVINA NN	1- 155	QUANTENTHEO	16526	PONTNAU J	12-2993	FK-SPEKTREN	73355	PORAN HA	3- 104	VAKUUM	1	
	7-1787	DISP.SYST.	59530	PONYATOVSKII E.G.				PORAT DI	8- 616	OPT.INSTRUM	2	
POLOVNIKOV GG	2- 580	PHYS.OPTIK	29030		3-1890	MECH.EIG.FK	66553		8- 751	KERN-MESSG.	4	
POLOWINSKI S	4-1579	POLYMERE	53542		5-2060	MECH.EIG.FK	66556	PORATH H	9-1947	MECH.EIG.FK	6	
POLS CL	8- 944	STARKE WW.	41725		9-2034	THERMIEIG.FK	67550	PORREH M	11- 306	HYDRODYNAM.	2	
	10- 903	STARKE WW.	41725	PONZANO B	5- 143	QUANTENTHEO	16516	PORGES KG	1- 752	KERN-MESSG.	4	
POLSKII AI	11-3130	DUENNE SCHI	74050	POOLE DH	10-1363	KERNSTRHLG.	44000	PORILE NT	3-1083	KERNREAKTIO	4	
POLSKY L	7-1072	KERNSPEKTR.	42545		F	3- 806	STARKE WW.		9-1046	KERNREAKTIO	4	
	6- 918	KERNSPEKTR.	42540		10- 912	STARKE WW.	41730		9-1047	KERNREAKTIO	4	
POLSTER LM	6- 467	OPT.INSTRUM	28545		1-2768	IONOSPHERE	91072	PORKOLAB M	12-1745	PLASMA	5	
POLTINNIKOV SA	3-2136	MAGN.EIG.FK	69045		7-1271	KERNSTRHLG.	44010	POROWSKI S	11-2188	MECH.EIG.FK	6	
	5-2270	MAGN.EIG.FK	69045	POOLE JR. CP	9-1287	MOLEKUELE	52516	PORRECA F	4- 842	BESCHLEUNIG	4	
POLTORAK AS	3-1077	KERNREAKTIO	43068	POOLEY D	11-2099	KRIST.FEHL.	66030		6-2285	MAGN.EIG.FK	6	
POLTZ H	2-1973	FLUESSIGK.	58550	POOLEY GB	9-2990	KOSM.PHYSIK	94550		6-2636	DUENNE SCHI	7	
POLUBOYARINOV H.F.				POOLMAN PJ	12-2970	FK-SPEKTREN	73355		5-1987	KRIST.FEHL.	6	
	7-2319	HALBLEITER	71520	POORTMANS F	2- 968	KERNSPEKTR.	42550	PORSCH M	7-2218	LEITFHGK.FK	7	
POLUEKTOV IA	4-2037	GITTERDYN.	67060		E	1- 466	ELEKTRIZIT.	26016	PORSTENDOERFER J.			
	6-2581	OPT.EIG.FK	73605		I	6-2282	MAGN.EIG.FK	69065		12-3341	LUFTHUELLE	9
	8-1350	ATOME	52065			8-1601	PLASMA	57045	PORT H	8-2609	OPT.EIG.FK	7
	12-2872	FK-SPEKTREN	73320			9- 300	HYDRODYNAM.	23020	M	7- 775	KERN-MESSG.	4
NS	5-2677	OPT.EIG.FK	73625			12- 408	HYDRODYNAM.	23000		12-1228	KERNSPEKTR.	4
	6-2594	OPT.EIG.FK	73620	POPA MS	5-1061	KERNSPEKTR.	42550	PORTA DELLA P	7- 109	VAKUUM	1	
POLULYAKH KS	1- 461	ELEKTRIZIT.	26012	POPE M	5-2530	PHOTOLEITG.	72510		7- 110	VAKUUM	1	
POLUNIN YP	1-1221	KERNREAKTIO	43052		8-2435	PHOTOLEITG.	72510		7- 485	TEILCH.OPT.	2	
POLUSHKIN IN	2-1495	GASENTRAG.	57840	POPENKO VP	7- 292	MECHANIK	22038	PORTANOVA VP	2-2717	GEOMAGNET.	9	
	12-2778	HALBLEITER	71530	POPESCU A	10-1663	PLASMA	57030	PORTE D	4-1635	PLASMA	5	
POLUYAKHTOV BK	6- 280	HYDRODYNAM.	23060		11-1857	GAZE	58025	JP	10- 949	STARKE WW.	4	
POLYAKOV AF	5- 315	HYDRODYNAM.	23020		I	10-1663	PLASMA	57030	M	5-2266	MAGN.EIG.FK	6
	7- 409	WAERME	24060		IM	11-1857	GAZE	58025	ORTEOUS P	5- 632	OPT.INSTRUM	2
AM	7-1495	POLYMERE	53540		ND	1-1956	GITTERDYN.	67020		7- 557	MASER,LASER	2
EV	6-1613	GAZE	58040		R	1- 459	ELEKTRIZIT.	26012	PORTER D	4-1115	KERNSPEKTR.	4
VP	12-2577	MAGN.EIG.FK	69060	POPIC R	5-1177	KERNREAKTIO	43085		8-1145	KERNSPEKTR.	4	
YA	5- 409	WAERME	24060	POPIELAWSKI J	3- 380	THERMODYN.	24550	FT	6- 584	KERN-MESSG.	4	
YS	8- 624	OPT.INSTRUM	28523		6-1745	FLUESSIGK.	58570	JW	6- 266	HYDRODYNAM.	2	
POLYAKOVA AL	7-2517	FK-SPEKTREN	73380	POPKOV KK	11-1354	K-REAKTOREN	43515	LD	4- 729	PHYS.OPTIK	2	
	8-2064	MECH.EIG.FK	66556		11-1359	K-REAKTOREN	43540	LE	8-1222	KERNREAKTIO	4	
	10-2102	MECH.EIG.FK	66540	POPLAVKO YM	8-2107	THERMIEIG.FK	67520	MC	1-1758	FLUESSIGK.	5	
	10-2608	FK-SPEKTREN	73340		8-2133	DIELEKTRIKA	68020	NA	1-2722	KOSM.STRIG.	9	
GN	1-1485	MOLEKUELE	52524	POPLAVSKY AA	7- 549	MASER,LASER	28045		7-2944	KOSM.PHYSIK	9	
	9-1379	MOLEKUELE	52575	POPLE JA	2-1240	MOLEKUELE	52516	RA	1-2722	KOSM.STRIG.	9	
POLYANSKAYA TA	5-2460	HALBLEITER	71520		7-1751	FLUESSIGK.	58557	RF	4-1496	MOLEKUELE	5	
	12-2635	LEITFHGK.FK	70028		8-1378	MOLEKUELE	52510	RN	9-1279	MOLEKUELE	5	
POLYANSKII AM	5-1328	ATOME	52065	POPOV AA	6-2100	GITTERDYN.	67060	JO	9-1173	ATOME	5	
VK	7- 613	OPT.INSTRUM	28530	AB	10-1244	KERNREAKTIO	43048	ORTEUS P	11- 809	STARKE WW.	4	
POLYANSKY AM	7-1280	KERNSTRHLG.	44033	AI	3-1047	KERNREAKTIO	43054	ORTH JC	8- 717	PHYS.OPTIK	2	
VK	9- 615	PHYS.OPTIK	29045	BN	6-1064	KERNREAKTIO	43054	ORTINARI AM	11-2816	FK-SPEKTREN	7	
POLYMERPOPOULOS C.E.					11- 479	MASER,LASER	28055	ORTNER PM	4-1244	KERNREAKTIO	4	
	7- 338	HYDRODYNAM.	23050		10- 624	OPT.INSTRUM	28516		8-1215	KERNREAKTIO	4	
POLYSHINA IK	8-2379	HALBLEITER	71520	D	11-2208	MECH.EIG.FK	66556	ORTNJAGIN Y	9-2892	PLANETEN	9	
POMEAU Y	5-1556	PLASMA	57045	EG	9-1472	PLASMA	57050	ORTNOI EL	1-2552	OPT.EIG.FK	7	
	6-1503	PLASMA	57085	EM	1-1465	MOLEKUELE	52516	ORTNOV VM	6-1786	KRISTALLE	6	
	10-1691	PLASMA	57055	IA	12-1635	MOLEKUELE	52538	ORTO SPS	4-2462	FK-SPEKTREN	7	
	10-1773	GAZE	58010	JM	9-2563	OPT.EIG.FK	73610		5-2601	FK-SPEKTREN	7	
	11-1739	PLASMA	57075	LE	1- 572	MASER,LASER	28050		5-2602	OPT.EIG.FK	7	
POMERANCHUK IY	4- 921	ELEMENTART.	41578		2-1718	KRISTALLE	65588		5-2603	FK-SPEKTREN	7	
POMERANTZ D	8-1960	KRIST.FEHL.	66035		4- 378	MECH.EIG.FK	66540		10-2141	GITTERDYN.	6	
MA	8-2867	SONNENPHYS.	93340		4-1895	KRISTALLE	65588		10-2604	FK-SPEKTREN	7	
	10-2870	KOSM.STRIG.	90636		10-2038	KRIST.FEHL.	66035		12-2931	FK-SPEKTREN	7	
	11-3354	SONNENPHYS.	93300		11-2114	KRIST.FEHL.	66035		12-3094	OPT.EIG.FK	7	
POMILLA FR	3-2877	PLANETEN	93640	LY	10-2090	MECH.EIG.FK	66514	VG	12-1366	KERNREAKTIO	4	
	10-1449	ATOME	52065	MS	10- 366	HYDRODYNAM.	23010	P	1-1727	FLUESSIGK.	5	
POMITKIN WF	12-1230	KERNSPEKTR.	42545	NP	5- 803	ELEMENTART.	41543		2- 462	MASER,LASER	2	
POMMERRENG D	4-1896	KRIST.FEHL.	66010	SG	7- 847	ELEMENTART.	41543		12-1830	PLASMA	5	
POMMIER J	3- 680	KERN-MESSG.	40527		6- 635	BESCHLEUNIG	41020		12-1847	PLASMA	5	
	3-1421	PLASMA	57075		11- 667	BESCHLEUNIG	41040	POSE A	3- 764	ELEMENTART.	4	
POMORTSEV RV	6-2348	LEITFHGK.FK	70072	VA	12- 954	ELEMENTART.	41563	D	7- 991	STARKE WW.	4	
	11-2679	HALBLEITER	71520	VI	2-1981	DIELEKTRIKA	68030		11- 809	STARKE WW.	4	
POMOT C	4- 574	HF-TECHNIK	27530		1-2868	STRAL.BIOL	97010	H	2-1019	KERNREAKTIO	4	
	6- 358	TEILCH.OPT.	27016		4-2582	DUENNE SCHI	74040		5- 779	BESCHLEUNIG	4	
	6- 377	HF-TECHNIK	27530		10- 757	KERN-MESSG.	40582		7- 453	TEILCH.OPT.	2	
POMPE W	12- 500	THERMODYN.	24552	VM	1- 221	QU.FELDTHEO	17030		8- 797	KERN-MESSG.	4	
POMPI RL	7-1818	KRISTALLE	65545		2- 342	WAERME	24060		9- 666	KERN-MESSG.	4	
POMRANING OC	2-1101	K-REAKTOREN	43510	VS	3- 145	QUANTENTHEO	16536	POSER H	6-1803	KRISTALLE	6	
	4- 177	MATH.PHYSIK	16020		9- 126	QUANTENTHEO	16516	POSHEKHONOV PV	7- 480	TEILCH.OPT.	2	
	4-1313	KERNSTRHLG.	44010		10-1485	ATOME	52075	POSHEKHONOVA T.A.				
	6- 516	PHYS.OPTIK	29043		11-1437	ATOME	52060		7- 480	TEILCH.OPT.	2	
	8-1262	K-REAKTOREN	43515	YA	9-2779	LUFTHUELLE	90860	POSHUSTA RD	1- 149	QUANTENTHEO	2	
	10-1352	K-REAKTOREN	43515	YG	2-2327	HALBLEITER	71530		9-1280	MOLEKUELE	5	
	12- 499	THERMODYN.	24550	YM	9-2566	OPT.EIG.FK	73610		10- 181	QUANTENTHEO	1	
	12- 730	PHYS.OPTIK	29040					POSKANZER AM	10-1313	KERNREAKTIO	4	
PONCET J	3- 200	QU.FELDTHEO	17010		6- 418	MASER,LASER	28050		12-1131	STARKE WW.	4	
PR	4-1867	KRISTALLE	65545		6- 419	MASER,LASER	28050		12-2922	FK-SPEKTREN	7	
POND G	5- 406	WAERME	24050	YP	6-2581	OPT.EIG.FK	73605	POSLEDOVICH MR	3-1066	KERNREAKTIO	4	
	7-2730	LUFTHUELLE	90810		12-2872	FK-SPEKTREN	73320	POSNER M	3-2349	METAL.LEITG	7	
PONDROM L	5- 752	KERN-MESSG.	40560		2-1038	KERNREAKTIO	43046	POSPELOV YA	2-2672	GRENZFL.FK	7	
	6- 787	STARKE WW.	41740		5-1564	PLASMA	57050	POSPELOVA IN	11-2492	MAGN.EIG.FK	6	
LG	3- 740	ELEMENTART.	41546		10-1239	KERNREAKTIO	43046	RV	3-1063	KERNREAKTIO	4	
	10- 837	ELEMENTART.	41546		11-1116	KERNSPEKTR.	42560		6- 514	PHYS.OPTIK	2	
PONG W	4-2642	GRENZFL.FK	74570	POPOVA DI	7- 383	WAERME	24026	POSPISIL S	10-1621	POLYMERE	5	
PONIZOVSKII VM	12- 370	MECHANIK	22000	BM	11- 414	HF-TECHNIK	27530	POST D	6- 517	PHYS.OPTIK	2	
PONNER II	4- 386	HYDRODYNAM.	23015	II	12-2459	THERMIEIG.FK	67595	HR	9- 217	STATISTIK	1	
PONOCOV AK	8-1036	STARKE WW.	41764	IA	2-1498	FK-SPEKTREN	73330	RS	8- 100	UNTERRICHT	1	
PONOMAREV BA	4- 517	ELEKTRIZIT.	26016	MN	2- 478	MASER,LASER	28045		8-1698	FLUESSIGK.	5	
	9- 875	STARKE WW.	41767		3- 510	MASER,LASER	28045	POSTMA AJ	11-1449	ATOME	5	
	11- 897	STARKE WW.	41773		6- 336	ELEKTRIZIT.	26050		8-1157	KERNSPEKTR.	4	
LI	3- 801	STARKE WW.	41725	HY	7-2541	OPT.EIG.FK	73610		9-1550	PLASMA	5	
OA	11-1517	MOLEKUELE	52516	VP				POSTNIKOV SN	10- 484	ELEKTRIZIT.	2	
	11-2585	LEITFHGK.FK	70072		S	10- 792	KERN-MESSG.	40582	VS	1-1935	MECH.EIG.FK	6
YG	7- 80	LABORTECHN.	12530	POPOVIC AI	7- 290	MECHANIK	22038		5-2106	G		

POTAPOV - PRICE

PHYS. BER. REGISTER

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KR	9-1412	POLYMER	53540	LV	8-283	STATISTIK	17510	PRZYBYLOWICZ	K	6-1968	KRIST.FEHL.	66				
LR	9-865	STARKE WW.	41762	SS	9-1038	KERNREAKTIO	43050	PRZYSTAWA	J	2-2066	MAGN.EIG.FK	69				
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PB	10-2863	KOSM.STRLG.	90600	YA	6-2664	DUENNE SCHI	74040	PSAROUTHAKIS	J	1-2676	GRENZFL.FK	74				
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RH	9-715	BESCHLEUNIG	41030	PROKHVATILOV	A.I.	1-321	ELASTIZIT.	22530	PSHENICHNOV	YP	7-2631	KRISTALLE	65			
WC	1-1451	ATOME	52010			2-1842	MECH.EIG.FK	66545	PSHISUKHA	AM	10-2318		84			
WLV	6-2142	DIELEKTRIKA	68020			8-190	QUANTENTHEO	16516	PSKOVSKY	YP	8-2949	STERNE	94			
PRICHARD	WH	2-1523	GASE	58060	PROKLOV	EV	7-127	DIELEKTRIKA	68050		11-3410	STERNE	94			
PRIDMORE	BROWN	D.C.				7-2332	HALBLEITER	71530	PSZONA	S	4-790	KERN-MESSG.	40			
		6-1502	PLASMA	57085		12-474	AKUSTIK	23595			10-734	KERN-MESSG.	40			
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PRIESE	J	11-3360	SONNENPHYS.	93312	PROKOFEVA	LV	10-2397	LEITFHGK.FK	70035		8-1543	POLYMER	53			
PRIEST	JR	1-1263	KERNREAKTIO	43080		3-2362	HALBLEITER	71510	PTASHCHENKO	AA	5-2538	PHOTOLEITG.	72			
		11-1300	KERNREAKTIO	43064	PROKOFJEV	NK	3-1040	KERNREAKTIO	43048	PTASHNIK	VB	1-1865	KRIST.FEHL.	66		
PRIESTER	W	1-2736	LUFTHUELLE	90830		3-1041	KERNREAKTIO	43048	PTITSYNA	NG	2-2233	LEITFHGK.FK	70			
		10-72	BUECHER	11040	PROKOFYEV	VK	5-1694	GASENTLADG.	57870	PTUKHA	TP	2-2490	FK-SPEKTREN	73		
		10-3109	KOSM.PHYSIK	94565	PROKOPALO	OI	9-2309	HALBLEITER	71500		4-2495	OPT.EIG.FK	73			
PRIESTLAND	C	4-150	VAKUUM	13010	PROKOPEV	EP	4-2321	HALBLEITER	71500		4-2496	OPT.EIG.FK	73			
		12-141	VAKUUM	13016	PROKOPYUK	NF	8-595	MASER,LASER	28045		12-160	VAKUUM	13			
		12-142	VAKUUM	13016	PROKOSHKIN	DA	11-2149	KRIST.FEHL.	66070	PTUSHINSKII	YG	2-2671	GRENZFL.FK	74		
PRIESTLEY	EB	1-1343	ATOME	52010		5-989	STARKE WW.	41783			3-2636	DUENNE SCHI	74			
PRIGOGINE	I	3-378	THERMODYN.	24550		10-921	STARKE WW.	41735			9-2690	GRENZFL.FK	74			
		5-446	THERMODYN.	24554		10-926	STARKE WW.	41735			12-3250	GRENZFL.FK	74			
		11-177	STATISTIK	17520		12-806	KERN-MESSG.	40522	PTUSHINSKY	YG	4-2630	GRENZFL.FK	74			
PRIMACHEK	VV	9-1561	PLASMA	57260	PROKUROV	AV	4-522	ELEKTRIZIT.	26050	PU	R	6-763	STARKE WW.	41		
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		6-949	KERN-SPEKTR.	42550	PRONIK	VI	8-2960	KOSM.PHYSIK	94510	PUCHALSKA	IB	2-2099	MAGN.EIG.FK	69		
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		4-2495	OPT.EIG.FK	73610	PRONIN	VP	8-513	ELEKTRODYN.	26520	PUCHEAULT	J	8-819	BESCHLEUNIG	41		
		4-2496	OPT.EIG.FK	73610	PRONK	P	5-1090	KERN-SPEKTR.	42565	PUCHER	M	3-1103	KERNSTRHLG.	44		
PRIEZHAEV	DS	8-2475	FK-SPEKTREN	73325	PRONKIN	AA	12-1984	FLUESSIGK.	58530		4-1585	POLYMER	53			
		6-2591	OPT.EIG.FK	73620	PRONKO	JB	11-1052	KERN-SPEKTR.	42545	PUCHKOV	VS	6-853	STARKE WW.	41		
		7-551	MASER,LASER	28045		PP	1-2299	HALBLEITER	71505	PUCKER	N	4-1209	KERNREAKTIO	43		
PRIEZHAEVA	NA	1-1490	MOLEKUELE	52575	PRORIOL	J	8-1059	KERNSTRUKT.	42010			8-1263	K-REAKTOREN	43		
		6-1279	MOLEKUELE	52516	PRORVIN	AI	11-1953	FLUESSIGK.	58573	PUDOVKIN	IM	4-2694	GEOMAGNET.	90		
		6-2761	GEOMAGNET.	90440		12-2074	FLUESSIGK.	58573	PUECH	C	10-670	OPT.INSTRUM	28			
		8-1565	GASENTLADG.	57840		12-2075	FLUESSIGK.	58573	PUECKERT	E	3-1651	FK-SPEKTREN	73			
		10-1763	GASENTLADG.	57860	PROSHKIN	VV	11-1714	PLASMA	57050	PUEHLHOFER	F	1-1253	KERNREAKTIO	43		
		10-2711	OPT.EIG.FK	73625		11-1778	PLASMA	57203			12-795	KERN-MESSG.	40			
		11-1828	GASENTLADG.	57850	PROSHKO	GP	6-1899	KRIST.FEHL.	66025	PUELL	H	3-1455	PLASMA	57		
		12-1503	ATOME	52024		7-2362	HALBLEITER	71570	PUFF	RD	10-267	STATISTIK	17			
PRIMA	AM	5-1375	MOLEKUELE	52514	PROSKURYAKOV	O.B.				PUGACHEVA	TS	2-1792	KRIST.FEHL.	66		
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PRIMACHEK	VR	7-2430	FK-SPEKTREN	73325	PROSPERI	D	1-1024	KERN-SPEKTR.	42510	PUGACHEVICH	PP	3-1575	FLUESSIGK.	58		
	WR	9-2589	OPT.EIG.FK	73635		1-1189	KERNREAKTIO	43026			VP	4-821	KERN-MESSG.	40		
PRIMACK	JR	5-1527	PLASMA	57070		10-155	QUANTENTHEO	16516	PUGH	D	11-2106	KRIST.FEHL.	66			
PRIMAK	NM	12-3189	DUENNE SCHI	74030		11-172	STATISTIK	17520			E	10-1674	PLASMA	57		
	W	6-504	OPT.INSTRUM	28595	PROSSER JR.	FW	2-1048	KERNREAKTIO	43054		EN	1-1930	MECH.EIG.FK	69		
PRIMAKOFF	H	6-693	ELEMENTART.	41546		6-919	KERN-SPEKTR.	42540			ER	12-1861	PLASMA	57		
		8-852	ELEMENTART.	41540	PROSTAK	A	3-2550	OPT.EIG.FK	73610		HG	9-1035	KERNREAKTIO	43		
PRIMET	M	5-2677	GRENZFL.FK	74535	PROTASEVICH	VI	11-1784	PLASMA	57210		HLD	12-2344	MECH.EIG.FK	66		
PRINCE	JF	3-1436	PLASMA	57010	PROTASOV	II	2-2613	DUENNE SCHI	74040		RE	4-271	QU.FELDTHEO	17		
	MB	7-647	OPT.INSTRUM	28553		WP	8-1036	STARKE WW.	41764	PUGNIN	VI	2-1484	PLASMA	57		
PRINS	A	1-1759	FLUESSIGK.	58540		YI	7-92	LABORTECHN.	12580	PUJOL	A	11-294	HYDRODYNAM.	23		
	JF	6-2695	GRENZFL.FK	74520	PROTOP	C	5-1029	KERN-SPEKTR.	42510		Y	4-504	THERMODYN.	24		
	W	10-1625	POLYMER	53542	PROTOPAPA	S	9-497	MASER,LASER	28040			5-451	THERMODYN.	24		
PRINZ	DK	11-1541	MOLEKUELE	52562	PROTOPOPOV	AA	7-1761	FLUESSIGK.	58562	PUKH	VP	4-1778	FLUESSIGK.	58		
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PRINZLER	H	2-1431	PLASMA	57210	PROTSENKO	ED	11-479	MASER,LASER	28055	PUKHOV	IK	11-2936	FK-SPEKTREN	73		
PRIOL	M	1-2630	DUENNE SCHI	74060		IM	4-1713	PLASMA	57235	PULKER	KK	9-2468	FK-SPEKTREN	73		
		4-2595	DUENNE SCHI	74060	PROUZA	Z	10-3125	BIOPHYSIK	96040	PULLEN	DJ	6-1091	KERNREAKTIO	43		
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PRIOU	J	10-639	OPT.INSTRUM	28540		7-1027	KERNSTRUKT.	42070				9-1072	KERNREAKTIO	43		
PRIPSTEIN	M	12-1123	STARKE WW.	41773	PROVISOR	H	7-1028	KERNSTRUKT.	42070	PULLEY	HC	1-1356	ATOME	52		
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	HO	1-1445	MOLEKUELE	52512		7-1472	MOLEKUELE	52580	PULLIA	A	6-909	KERN-SPEKTR.	42			
		1-1446	MOLEKUELE	52512	PROVOTOROV	BN	9-214	STATISTIK	17530	PULTORAK	J	7-860	ELEMENTART.	41		
	J	1-90	VAKUUM	13013	PROZOROVA	LA	12-3021	FK-SPEKTREN	73360	PULVER	EF	1-2409	HALBLEITER	71		
	JL	6-474	OPT.INSTRUM	28545	PRUDHOMME	R	9-1614	GASE	58025	PULVERMACHER	H	2-574	PHYS.OPTIK	29		
		6-475	OPT.INSTRUM	28545	PRUDNIKOV	IA	4-847	BESCHLEUNIG	41020	PUNDARI	SB	8-965	STARKE WW.	41		
PRITCHETT	PL	12-956	ELEMENTART.	41570	PRUDNIKOVA	NA	10-1838	FLUESSIGK.	58530	PUNG	LA	8-2593	OPT.EIG.FK	73		
PRIVALOVA	LA	9-2715	GEOMAGNET.	90430	PRUEMHER	R	6-2036	MECH.EIG.FK	66540	PUNGS	L	10-7	BIOGRAPHIEN	10		
PRIVOROTSKII	I.A.				PRUENSTER	S	2-1136	KERNSTRHLG.	44030							
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PROBERT	SD	1-2655	GRENZFL.FK	74555	PRUETZ	W	8-670	OPT.INSTRUM	28570	PUNZEL	J	9-1901	KRIST.FEHL.	66		
PROBYN	BA	10-2747	DUENNE SCHI	74010		9-1750	KRISTALLE	65518	PUDOLKAINEN	TP	6-2754	GEOMAGNET.	90			
		12-166	VAKUUM	13060		7-1773	FLUESSIGK.	58573	PUPKE	H	4-2650	GRENZFL.FK	74			
PROCA	GA	7-1063	KERN-SPEKTR.	42540	PRUGOVECKI	E	7-147	QUANTENTHEO	16523	PUPYREV	VA	8-420	AKUSTIK	23		
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PROCHAZKA	F	8-2944	STERNE	94050	PRUPPACHER	HR	6-1778	KRISTALLE	65518			4-1833	DISP.SYST.	59		
	W	7-739	KERN-MESSG.	40503	PRUSAKOV	BA	11-2149	KRIST.FEHL.	66070			7-2961	BIOPHYSIK	96		
PROCHOROVA	SD	10-2556	FK-SPEKTREN	73320		YV	1-1779	FLUESSIGK.	58555	PURITIS	TY	4-2348	HALBLEITER	71		
PROCHOROV	J	5-2641	OPT.EIG.FK	73640	PRUSKI	S	7-247	STATISTIK	17563	PURONIT	RK	9-2323	HALBLEITER	71		
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 LLNIK BI 4-1285 KERNREAKTIO 43090
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 HE 5-2607 FK-SPEKTREN 73340
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 IF 4- 508 ELEKTRIZIT. 26010
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KN	7-1420	MOLEKUELE	52536	RASCH	G	3- 181	QUANTENTHEO	16580			8-2200	MAGN.EIG.FK	69060	
KNS	8-1429	MOLEKUELE	52536	RASCON	L	1-1361	ATOME	52040			9-1807	KRISTALLE	65576	
K	1- 276	FELDTHEORIE	18042	RASETTI	M	10-1606	MOLEKUELE	52590			11-2297	MAGN.EIG.FK	69010	
KR	4-1318	KERNSTRHLG.	44010			11- 633	KERN-MESSG.	40584			11-2617	SUPRALEITG.	70520	
	4-1756	FLUESSIGK.	58520	RASHBA	EI	1-2350	HALBLEITER	71530			10-2562	FK-SPEKTREN	73325	
KRP	12-2847	FK-SPEKTREN	73310			5-2446	HALBLEITER	71530	RAUDONIS	AV	6-2567	OPT.EIG.FK	73610	
KS	1- 832	ELEMENTART.	41574			10-2130	MECH.EIG.FK	66556	RAUDORF	TH	8-2205	MAGN.EIG.FK	69060	
	4- 913	ELEMENTART.	41574	RASHBASS	C	8-3022	BIOPHYSIK	96000	RAUFUSS	H	1-2255	SUPRALEITG.	70510	
KV	3-1981	THERMEIG.FK	67520	RASHEVSKAYA	EP	6-2582	FK-SPEKTREN	73330	RAUK	A	12-1597	MOLEKUELE	52514	
KVK	7-2094	THERMEIG.FK	67530			8-1968	KRIST.FEHL.	66035	RAUKHMAN	MR	11- 439	MASER,LASER	28035	
	11-2040	KRISTALLE	65584			11-2681	HALBLEITER	71520	RAUNIO	G	2-2530	OPT.EIG.FK	73605	
LDV	3-1632	KRISTALLE	65545			12-2920	FK-SPEKTREN	73330			5-2069	GITTERDYN.	67020	
LM	1-2274	SUPRALEITG.	70520	RASHID	MA	3- 794	STARKE WW.	41725			6-2303	LEITFHKG.FK	70024	
	7-2134	MAGN.EIG.FK	69010			4- 241	QUANTENTHEO	16582	RAUSCHER	E	9-2318	HALBLEITER	71566	
MGS	3-1578	FLUESSIGK.	58543			10- 157	QUANTENTHEO	16516	EA	12-1191	KERN-SPEKTR.	42520		
MM	7-2783	IONOSPHERE	91045	RASHKOVICH	LN	2- 479	MASER,LASER	28045	RAUTENBACH	WL	12- 883	KERN-MESSG.	40584	
	11-3319	IONOSPHERE	91045			6-2559	FK-SPEKTREN	73380	RAUTIAN	SG	10-1433	ATOME	52061	
MN	4-2841	PLANETEN	93630			8-2533	FK-SPEKTREN	73355	RAUTSCHKE	R	5-1686	GASENTLADG.	57811	
	12-1404	KERNREAKTIO	43092			11-2886	FK-SPEKTREN	73330	RAVAL	HM	9-3005	KOSM.PHYSIK	94581	
MSV	3-2840	MAGNETOSPH.	91226	RASHUSSEN	AL	12-2515	MAGN.EIG.FK	69010	RAVATIN	J	3- 136	QUANTENTHEO	16521	
MTR	5-1076	KERN-SPEKTR.	42560			10-2882	LUFTHUELLE	90810	RAYEAU	B	6-1854	KRISTALLE	65584	
	12-1239	KERN-SPEKTR.	42555			F	8-1458	MOLEKUELE	52560		7-1857	KRISTALLE	65588	
NK	1- 972	STARKE WW.	41790			FB	8-2324	SUPRALEITG.	70520	RAVENHALL	DG	4-1205	KERNREAKTIO	43034
NN	11-3306	IONOSPHERE	91020			H	10- 97	LABORTECHN.	12540		9- 114	QUANTENTHEO	16516	
NSG	1- 345	HYDRODYNAM.	23020			JB	11-2126	KRIST.FEHL.	66062		10-1209	KERNREAKTIO	43034	
PB	9-2799	IONOSPHERE	91045			JO	1- 721	KERN-MESSG.	40510	RAVESTEIN	AA	8- 544	HF-TECHNIK	27530
	11-3308	IONOSPHERE	91020				2- 984	KERN-SPEKTR.	42565	RAVEZ	J	7-1856	KRISTALLE	65588
PDK	5-1158	KERNREAKTIO	43056				5-1237	ATOME	52010	RAVICH	VN	2-1870	MECH.EIG.FK	66556
PNR	9-1088	KERNREAKTIO	43092				8-1146	KERN-SPEKTR.	42555		2-2250	LEITFHKG.FK	70074	
PR	2-1785	KRIST.FEHL.	66035			OL	9-1373	MOLEKUELE	52575		2-2326	HALBLEITER	71520	
	3-1567	FLUESSIGK.	58530			RA	6-1684	FLUESSIGK.	58543		6-2311	LEITFHKG.FK	70022	
	5-1432	MOLEKUELE	52524			YK	10-1069	KERN-SPEKTR.	42540		10-2397	LEITFHKG.FK	70035	
	9-1656	FLUESSIGK.	58530	RASO	DJ	9- 583	OPT.INSTRUM	28570	RAVID	E	1-1681	PLASMA	57253	
	11-1526	MOLEKUELE	52524	RASOR	NS	3- 82	LABORTECHN.	12580	RAVIN	VS	1-1756	FLUESSIGK.	58535	
PS	1- 131	QUANTENTHEO	16516	RASPOPIN	SP	9-2031	THERMEIG.FK	67550			7- 399	WAERME	24050	
	1- 920	STARKE WW.	41755			9-2032	THERMEIG.FK	67550	RAVINDA	R	2-1907	GITTERDYN.	67060	
PT	4-1499	MOLEKUELE	52524			9-2033	THERMEIG.FK	67550	RAVIV	S	8-2034	MECH.EIG.FK	66514	
	5-1444	MOLEKUELE	52524	RASPOPOV	O	3-2725	GEOMAGNET.	90450	RAVNDAL	F	4- 181	QUANTENTHEO	16516	
	11-1530	MOLEKUELE	52524		OM	4-2691	GEOMAGNET.	90450	RAVDINA	OV	3-1159	ATOME	52045	
PV	3-1036	KERNREAKTIO	43046			4-2692	GEOMAGNET.	90450	RAW	CJG	7-1657	GASE	58025	
	4-1112	KERN-SPEKTR.	42555			9-2733	GEOMAGNET.	90450	RAWCLIFFE	RD	3- 562	OPT.INSTRUM	28540	
	4-1157	KERN-SPEKTR.	42570	RASSAT	A	1-1464	MOLEKUELE	52516			6-2576	OPT.EIG.FK	73605	
	11-1089	KERN-SPEKTR.	42555			1-1510	MOLEKUELE	52547			7-2444	FK-SPEKTREN	73330	
R	12-1132	STARKE WW.	41783	RASSMANN	G	10-2288	MAGN.EIG.FK	69040	RAWER	K	8-2806	IONOSPHERE	91072	
RVB	3-2142	MAGN.EIG.FK	69050	RASSOW	B	6- 642	BESCHLEUNIG.	41040			12-3343	IONOSPHERE	91000	
	6- 300	WAERME	24040	RASSUDOV	YG	8- 110	LABORTECHN.	12515	RAWITSCHER	GH	6-1082	KERNREAKTIO	43064	
	7-1690	FLUESSIGK.	58520	RASSUSHIN	VA	6-2720	GRENZFL.FK	74560			9-1052	KERNREAKTIO	43060	
SS	3-1411	PLASMA	57085	RAST	HE	3- 424	TEILCH.OPT.	27068			11-1290	KERNREAKTIO	43060	
	7-2791	IONOSPHERE	91070			9-2398	FK-SPEKTREN	73325	RAWLINGS	R	5-2103	GITTERDYN.	67070	
	9-1476	PLASMA	57055			9-2572	OPT.EIG.FK	73625	RAWSON	EG	8-1830	DISP.SYST.	59540	
	11-1727	PLASMA	57055			12-2377	GITTERDYN.	67010	RAY	AK	9- 308	HYDRODYNAM.	23030	
TS	6-1851	KRISTALLE	65584	RASTIN	BC	10-2873	KOSM.STRLG.	90640			6-2125	THERMEIG.FK	67550	
UR	3-2734	KOSM.STRLG.	90630			10-2874	KOSM.STRLG.	90640			8-1915	KRISTALLE	65588	
	3-2735	KOSM.STRLG.	90630	RASTOGI	RG	7-2748	LUFTHUELLE	90840		DK	7-2458	FK-SPEKTREN	73350	
	3-2736	KOSM.STRLG.	90630			9-2809	IONOSPHERE	91060			7-2459	FK-SPEKTREN	73350	
URK	5-2167	FK-SPEKTREN	73370			10-2854	GEOMAGNET.	90440		DKD	2-2159	MAGN.EIG.FK	69065	
UYG	3- 614	PHYS.OPTIK	29015			10-2856	GEOMAGNET.	90440		J	9- 95	VAKUUM	13030	
	5-2910	PLANETEN	93614		RP	2-2414	THERMOELEKT.	72000		NK	6-1276	MOLEKUELE	52516	
VUS	5-2167	FK-SPEKTREN	73370	RASUL	M	9-1591	GASENTLADG.	57860		S	3- 672	KERN-MESSG.	40582	
	7-2237	LEITFHKG.FK	70060	RASUMOVSKY	AN	12- 635	MASER,LASER	28055			7- 753	KERN-MESSG.	40518	
	10-2663	FK-SPEKTREN	73370	RASZILLIER	I	3- 800	STARKE WW.	41725		T	7-2458	FK-SPEKTREN	73350	
	11-2973	FK-SPEKTREN	73370			8- 267	QU.FELDTHEO	17025	RAY LE	M	10-1831	FLUESSIGK.	58527	
	12-2847	FK-SPEKTREN	73310	RATAJCZAK	H	5-2595	FK-SPEKTREN	73330	RAYCHAUDHURI	A.K.				
VV	2-1009	KERNREAKTIO	43020	RATERINK	HJ	4- 695	OPT.INSTRUM	28570			10- 319	FELDTHEORIE	18042	
VVS	12-1643	MOLEKUELE	52547	RATH	R	6- 537	PHYS.OPTIK	29083			10- 320	FELDTHEORIE	18042	
VVS	7-1138	KERN-SPEKTR.	42570			7- 727	PHYS.OPTIK	29083	RAYFIELD	GW	9-1650	FLUESSIGK.	58525	
YV	12-1132	STARKE WW.	41783	RATHBONE	CR	5-1750	FLUESSIGK.	58525			12-1962	FLUESSIGK.	58527	
JC	9- 827	STARKE WW.	41740	RATHBUN	DG	1-2410	HALBLEITER	71580	RAYHRER	B	7-2862	PLANETEN	93614	
G	2-2018	FK-SPEKTREN	73370			8-2288	LEITFHKG.FK	70056	RAYKHUDELM	EM	12-1899	GASENTLADG.	57850	
	11- 535	PHYS.OPTIK	29010	RATHI	SS	2-2540	OPT.EIG.FK	73635	RAYL	M	1-1984	THERMEIG.FK	67510	
	12-2971	FK-SPEKTREN	73355	RATHJE	J	7- 884	ELEMENTART.	41578			9-1989	THERMEIG.FK	67510	
ORT	1-1255	KERNREAKTIO	43075			9- 776	ELEMENTART.	41574			9-1990	THERMEIG.FK	67510	
	3- 936	KERN-SPEKTR.	42545			9- 782	ELEMENTART.	41578	RAYMENT	SW	5-1643	PLASMA	57015	
	3-1082	KERNREAKTIO	43075	RATISHVILI	IG	6-2227	MAGN.EIG.FK	69020			8-1694	GASENTLADG.	57850	
	5-1048	KERN-SPEKTR.	42545	RATNER	AM	1- 565	MASER,LASER	28045	RAYMOND	D	8- 865	ELEMENTART.	41546	
	6- 926	KERN-SPEKTR.	42545			3- 511	MASER,LASER	28045		FW	9-2768	LUFTHUELLE	90850	
	7-1076	KERN-SPEKTR.	42545			5- 539	MASER,LASER	28030		JJ	3-2171	MAGN.EIG.FK	69070	
	7-1223	KERNREAKTIO	43075			7- 552	MASER,LASER	28045		K	2- 541	OPT.INSTRUM	28563	
	8-1129	KERN-SPEKTR.	42545			7- 592	MASER,LASER	28060		M	7-1806	KRISTALLE	65540	
	8-1130	KERN-SPEKTR.	42545			8-2178	MAGN.EIG.FK	69025		RH	9- 63	LABORTECHN.	12520	
	8-1137	KERN-SPEKTR.	42550		IM	2- 803	STARKE WW.	41740	RAYMONDA	JW	5-1448	MOLEKUELE	52528	
	10-1098	KERN-SPEKTR.	42545		LG	5- 908	STARKE WW.	41740	RAYNAL	J	1- 977	KERNSTRUKT.	42010	
	10-1299	KERNREAKTIO	43075			6- 786	STARKE WW.	41740			2- 918	KERNSTRUKT.	42070	
NU	7-1936	KRIST.FEHL.	66060			9- 707	BESCHLEUNIG.	41020			2- 919	KERNSTRUKT.	42070	
BEL	8-1735	FLUESSIGK.	58520			9- 812	STARKE WW.	41725	RAYNAUD	J	12- 562	HF-TECHNIK	27530	
	5- 899	STARKE WW.	41735			11- 831	STARKE WW.	41740	RAYNE	JA	2-2210	LEITFHKG.FK	70028	
	6-1029	KERNREAKTIO	43018			12-1042	STARKE WW.	41740			3-2293	SUPRALEITG.	70520	
ORT	1-1789	FLUESSIGK.	58565	RATTEE	DR	5-1813	FLUESSIGK.	58565			5-2085	GITTERDYN.	67060	
	2-1576	FLUESSIGK.	58555	RATTI	S	3- 854	STARKE WW.	41764			7-2283	SUPRALEITG.	70520	
	3-1999	THERMEIG.FK	67556			11- 769	STARKE WW.	41700			10-2168	THERMEIG.FK	67510	
	8- 107	LABORTECHN.	12515			11- 797	STARKE WW.	41725			10-2434	SUPRALEITG.	70530	
ID	12-2440	THERMEIG.FK	67550			11- 847	STARKE WW.	41740			10-2451	METAL.LEITG	71010	
	3-2741	KOSM.STRLG.	90630	RATTKE	R	4-1944	KRIST.FEHL.	66065			12-2417	THERMEIG.FK	67510	
	3-2742	KOSM.STRLG.	90630	RATYNSKI	W	2- 912	KERNSTRUKT.	42040	RAYNER	PJW	10- 541	HF-TECHNIK	27540	
	3-2743	KOSM.STRLG.	90630	RAU	ARP	4-1381	MOLEKUELE	52570	RAYNES	WT	12-2015	FLUESSIGK.	58557	
	6-1070	KERNREAKTIO	43054			10-1386	ATOME	52010	RAYNOR	S	10- 432	WAERME	24050	
LP	1-1153	KERN-SPEKTR.	42570			H	2-1605	KRISTALLE	55510	RAZAVY	M	3- 143	QUANTENTHEO	16533
	10-1057	KERN-SPEKTR.	42515				4-1750	GASE	58040		8- 53	UNTERRICHT	12025	
	10-1158	KERN-SPEKTR.	42565											

RAZORENOV	LA	8-2978	KOSM.PHYSIK	94530	REDWINE	W	2-2037	FK-SPEKTREN	73355	REID	FJ	5-2496	HALBLEITER	73355	
RAZUMOVA	TK	11-1904	FLUESSIGK.	58530	REE	FH	11-2259	THERMEIG.FK	67556			5-2498	HALBLEITER	73355	
RAZUMOVSKAYA	I.V.				REE VAN DE J		3-1508	GASE	58025	OC	9-2804	IONOSPHERE	58025	58025	
	LP	10-458	THERMODYN.	24550			5-1492	MOLEKUELE	52575	GR	7-95	VAKUUM	58025	58025	
	7-1340	ATOME	52065				6-1605	GASE	58025	JB	5-1802	FLUESSIGK.	58025	58025	
RAZUMOVSKII	SM	5-2000	KRIST.FEHL.	66065	REE VAN DER IA		4-595	HF-TECHNIK	27550	PGE	3-1643	KRISTALLE	27550	27550	
RAZVIN	YV	10-578	MASER,LASER	28045	REED	AH	10-705	PHYS.OPTIK	29060	RHG	12-1590	MOLEKUELE	29060	29060	
REA	DG	7-2865	PLANETEN	93612		CA	1-2074	FK-SPEKTREN	73355	WH	9-284	HYDRODYNAM.	73355	73355	
READ	AA	3-546	MASER,LASER	28060		CH	8-1280	KERNSTRHLG.	44010	WM	5-48	UNTERRICHT	44010	44010	
	AL	2-785	STARKE WW.	41725	CRY	12-2083	FLUESSIGK.	58595							
	9-805	STARKE WW.	41725		EI	11-3275	LUFTHUELLE	90820	REIDEMEISTER	G	1-995	KERNSTRUKT.	90820	90820	
	AW	4-1476	MOLEKUELE	52575	HE	12-1364	KERNREAKTIO	43062	REIDY	JJ	9-664	KERN-MESSG.	43062	43062	
	BE	6-1388	POLYMERE	53542	JT	12-1043	STARKE WW.	41740			10-1111	KERN-SPEKTR.	41740	41740	
	11-1635	POLYMERE	53546		KC	6-2823	IONOSPHERE	91040			11-1110	KERN-SPEKTR.	91040	91040	
	EJC	10-981	STARKE WW.	41764		6-2828	IONOSPHERE	91050			12-1270	KERN-SPEKTR.	91050	91050	
	FH	6-356	TEILCH.OPT.	27016		6-2829	IONOSPHERE	91050	REIF	F	10-1822	FLUESSIGK.	91050	91050	
READING	PA	2-1084	KERNREAKTIO	43090		LD	12-2789	HALBLEITER	71540		2-947	KERN-SPEKTR.	71540	71540	
	DM	3-737	ELEMENTART.	41546		RP	8-2026	MECH.EIG.FK	66500			11-1236	KERNREAKTIO	66500	
	9-740	ELEMENTART.	41546			SA	9-2365	FK-SPEKTREN	73300	REIFENSTEIN	III	E.C.			
READMAN	PW	3-2152	MAGN.EIG.FK	69060		SJB	8-527	TEILCH.OPT.	27040			7-2915	KOSM.PHYSIK	73300	
READY	JF	12-649	MASER,LASER	28060		TB	9-2225	SUPRALEITG.	70530	REIFMAN	MB	3-2362	HALBLEITER	70530	
REAGAN	AB	9-2738	GEOMAGNET.	90470		WA	3-2372	HALBLEITER	71520	REIGNIER	J	3-780	STARKE WW.	71520	
REALE	J	2-743	ELEMENTART.	41574	REEDER	D	6-2324	LEITFHKG.FK	70056			4-929	STARKE WW.	70056	
	12-961	ELEMENTART.	41574				5-891	STARKE WW.	41730	REIJNEN	P	10-2196	THERMEIG.FK	41730	
	C	3-2642	DUENNE SCHI	74050			6-850	STARKE WW.	41783	REIK	HG	3-2224	LEITFHKG.FK	41783	
	4-2577	DUENNE SCHI	74040				10-1005	STARKE WW.	41783			5-2584	FK-SPEKTREN	41783	
REALO	KY	4-2522	OPT.EIG.FK	73670		DD	5-895	STARKE WW.	41730			9-2424	FK-SPEKTREN	41730	
REAMES	DV	6-2774	KOSM.STRLG.	90630			7-906	STARKE WW.	41725	REILLY	MH	1-2414	HALBLEITER	90630	
	6-2775	KOSM.STRLG.	90630				9-864	STARKE WW.	41762			8-2244	LEITFHKG.FK	90630	
REARDON	FM	11-2874	FK-SPEKTREN	73330			10-886	STARKE WW.	41720			10-2504	HALBLEITER	73330	
REATTO	BC	9-2647	DUENNE SCHI	74050			12-1086	STARKE WW.	41755	REIM	TE	1-431	WAERME	74050	
	L	10-278	STATISTIK	17560	REEDYK	CW	7-2663	GRENZFL.FK	74540	REIMANN	CW	2-2461	FK-SPEKTREN	17560	
	10-289	STATISTIK	17566		REEH	H	5-198	QU.FELDTHEO	17010			3-764	ELEMENTART.	17566	
	11-1888	FLUESSIGK.	58520				12-285	QU.FELDTHEO	17025	REIMER	L	4-552	TEILCH.OPT.	58520	
REAU	JM	7-1858	KRISTALLE	65588	REENSTRA	AL	6-2469	HALBLEITER	71570			4-553	TEILCH.OPT.	65588	
REAY	A	7-2684	ERDKOERPER	90210	REES	HD	2-2182	LEITFHKG.FK	70020	REIMERS	P	4-1900	KRIST.FEHL.	90210	
	NK	6-2858	ASTROPHYSIK	93020			3-2543	OPT.EIG.FK	73610	REIMPELL	J	7-63	LABORTECHN.	93020	
	12-3339	LUFTHUELLE	90870				10-2396	LEITFHKG.FK	70060	REINBERG	AR	3-1755	KRIST.FEHL.	90870	
REBANE	NW	12-1043	STARKE WW.	41740			10-2703	OPT.EIG.FK	73610			6-2194	FK-SPEKTREN	41740	
	KK	4-1518	FK-SPEKTREN	73325			JA	3-93	VAKUUM	13013	REINE	M	6-2308	LEITFHKG.FK	73325
	8-2621	OPT.EIG.FK	73640				JR	9-772	ELEMENTART.	41574			6-2464	HALBLEITER	73640
	4-2522	OPT.EIG.FK	73670				10-786	BESCHLEUNIG	41020	REINEN	D	12-2898	FK-SPEKTREN	73670	
	LA	8-2621	OPT.EIG.FK	73640			1-2709	GEOMAGNET.	90470	REINER	AS	4-228	QUANTENTHEO	73640	
	TK	5-166	QUANTENTHEO	16530			12-3362	IONOSPHERE	91050			4-249	QUANTENTHEO	16530	
	6-128	QUANTENTHEO	16530				6-2971	KOSM.PHYSIK	94560			5-1114	KERNREAKTIO	16530	
	12-1480	ATOME	52010				10-3097	KOSM.PHYSIK	94550			11-927	STARKE WW.	52010	
	12-2261	KRIST.FEHL.	66030				10-3099	KOSM.PHYSIK	94550			11-1026	KERN-SPEKTR.	66030	
	YN	9-1224	ATOME	52065	REESE	RA	6-2218	MAGN.EIG.FK	69010			9-2678	GRENZFL.FK	52065	
	10-1453	ATOME	52065				5-2147	DIELEKTRIKA	68030			8-2481	FK-SPEKTREN	52065	
REBARCHIK	FM	3-2612	DUENNE SCHI	74010			10-2192	THERMEIG.FK	67550	REINERS	KP	2-687	ELEMENTART.	74010	
REBBERT	RE	4-1941	KRIST.FEHL.	66060	REESOR	GE	4-1807	FLUESSIGK.	58562	REINES	F	6-675	ELEMENTART.	66060	
REBER	EE	12-3320	LUFTHUELLE	90820	REEVES	EM	2-1154	ATOME	52024			6-2952	SONNENPHYS.	90820	
	G	10-3098	KOSM.PHYSIK	94550			10-1409	ATOME	52024			12-944	ELEMENTART.	94550	
	JD	6-1051	KERNREAKTIO	43044	REFSLAND	B	6-214	FELDTHEORIE	18030	REINHARD	R	5-1695	GASE	43044	
REBHAN	E	6-2380	SUPRALEITG.	70550	REGEL	AR	1-2292	METAL.LEITG	71000	REINHARDT	J	11-1604	MOLEKUELE	70550	
REBINDER	PA	11-1973	KRISTALLE	65510			2-1869	MECH.EIG.FK	66556		PW	11-1600	MOLEKUELE	65510	
REBKA JR.	GA	10-545	HF-TECHNIK	27560			6-2067	MECH.EIG.FK	66556			6-1163	ATOME	27560	
REBOUL	JP	6-358	TEILCH.OPT.	27016			7-2039	GITTERDYN.	67020	REINHARZ	W	6-841	STARKE WW.	67020	
	L	6-377	HF-TECHNIK	27530			11-2781	THERMOELEKT	72010	REINHEIMER	J	11-2672	LEITFHKG.FK	72010	
	AK	5-1544	VAKUUM	13060	REGENFUS	G	12-2054	FLUESSIGK.	58565	REINHOLD	I	12-2070	FLUESSIGK.	58565	
REBROV	PH	6-1467	PLASMA	57055			12-2637	LEITFHKG.FK	70028	REIPKA	E	8-395	HYDRODYNAM.	70028	
REBUT	E	3-818	STARKE WW.	41745	REGENSBURGER	P.J.	11-3207	GRENZFL.FK	74573	REIS	VH	8-407	HYDRODYNAM.	41745	
RECAMI		9-147	QUANTENTHEO	16550	REGENSTREIF	E	1-2466	FK-SPEKTREN	73325	REISDORF	W	6-1107	KERNREAKTIO	16550	
RECASENS	J	8-1785	THERMEIG.FK	67556			4-544	TEILCH.OPT.	27010	REISFELD	R	9-1847	KRIST.FEHL.	67556	
RECHEN	JB	5-739	KERN-MESSG.	40525			4-845	BESCHLEUNIG	41020	REISHAKHRI	AL	3-2567	OPT.EIG.FK	40525	
RECHOWICZ	M	7-402	WAERME	24060			5-484	TEILCH.OPT.	27010	REISING	RF	9-950	KERN-SPEKTR.	24060	
RECHT	RF	11-2171	MECH.EIG.FK	66516			5-485	TEILCH.OPT.	27010	REISHAN	E	6-520	PHYS.OPTIK	66516	
RECHTIE	JJ	2-2524	OPT.EIG.FK	73605			5-490	TEILCH.OPT.	27016	REISMANN	H	8-354	ELASTIZIT.	73605	
RECK	GP	3-1279	MOLEKUELE	52575			5-491	TEILCH.OPT.	27016	REISS	H	2-346	THERMODYN.	52575	
		3-1280	MOLEKUELE	52575			9-451	TEILCH.OPT.	27010			5-1509	POLYMERE	52575	
		3-1281	MOLEKUELE	52570			10-507	TEILCH.OPT.	27010	REISSIG	E	1-71	LABORTECHN.	52570	
RECKNAGEL	E	1-1246	KERNREAKTIO	43066	REGGE	T	10-799	BESCHLEUNIG	41020	REISSLAND	A	12-2178	KRISTALLE	43066	
REDAELL	G	4-2340	HALBLEITER	71540	REGIS	R	7-1771	FLUESSIGK.	58570			12-2543	MAGN.EIG.FK	71540	
REDDING	JL	3-344	WAERME	24000			12-1947	FLUESSIGK.	58510	REITAN	A	4-1198	KERNREAKTIO	24000	
REDDINGIUS	ER	8-1157	KERN-SPEKTR.	42560	REGNIER	P	8-2048	MECH.EIG.FK	66545			5-911	STARKE WW.	42560	
REDDISH	VC	12-3428	STERNE	94000	REGULSKAYA	TA	3-2017	DIELEKTRIKA	68030	REITBOECK	H	7-2959	BIOPHYSIK	94000	
		12-3450	KOSM.PHYSIK	94510			6-2559	FK-SPEKTREN	73380	REITER	GF	3-450	HF-TECHNIK	94510	
REDDOCH	AH	1-1511	MOLEKUELE	52547			7-2541	OPT.EIG.FK	73610	REITHEL	RF	1-1607	PLASMA	52547	
REDDY	AKN	11-1944	FLUESSIGK.	58568	REGUSHEVSKII	V.I.	4-1238	KERNREAKTIO	43052	REITHLER	JC	4-2169	MAGN.EIG.FK	58568	
	AR	6-1243	ATOME	52075			10-2057	KRIST.FEHL.	66065			7-1854	KRISTALLE	52075	
	BM	9-2793	IONOSPHERE	91020	REGUZZONI	E	3-46	BUECHER	11040	REITMANN	D	1-1226	KERNREAKTIO	91020	
	BR	4-1499	MOLEKUELE	52524	REHAGE	B	3-1312	POLYMERE	53542			7-1181	KERNREAKTIO	52524	
	CA	7-2783	IONOSPHERE	91045	REHDER	L	6-1197	ATOME	52047	REITZEL	J	10-1096	KERN-SPEKTR.	91045	
	9-2805	IONOSPHERE	91050		REHER	EO	6-246	HYDRODYNAM.	23020	REIVARI	P	2-1657	FK-SPEKTREN	91050	
	NH	7-1590	PLASMA	57203	REHM	D	4-1460	MOLEKUELE	52516			5-1864	KRISTALLE	57203	
	PG	9-1466	PLASMA	57045			4-1537	MOLEKUELE	52570			12-2850	FK-SPEKTREN	57045	
	PJ	9-1910	MECH.EIG.FK	66514	REHME	H	8-1933	KRIST.FEHL.	66025	REKALO	MP	1-833	ELEMENTART.	66514	
	SP	4-1472	MOLEKUELE	52534	REICH	B	5-353	HYDRODYNAM.	23070			2-758	ELEMENTART.	52534	
	TR	2-2052	FK-SPEKTREN	73355		CW	3-975	KERN-SPEKTR.	42565	REKASHOVA	TN	8-1301	ATOME	73355	
	YP	2-2053	FK-SPEKTREN	73355			12-1273	KERN-SPEKTR.	42565	REKVELD	JT	3-35	BUECHER	73355	
REDEI	LB	6-211	FELDTHEORIE	18030			9-84	VAKUUM	13016	REKVELDT	MT	12-2508	MAGN.EIG.FK	18030	
REDEY	L	6-1408	PLASMA	57010	REHDER	LO	6-1197	ATOME	52047	REM	J	6-1507	PLASMA	57010	
REDFEARN	J	11-574	KERN-MESSG.	40512	REHER	EO	6-246	HYDRODYNAM.	23020	REMAUT	G	2-1971	DIELEKTRIKA	40512	
REDFIELD	AG	5-2392	SUPRALEITG.	70550	REHM	D	4-1460	MOLEKUELE	52516	REMBEZA	SI	2-1748	KRIST.FEHL.	70550	
		5-2414	SUPRALEITG.	70550			11-3018	OPT.EIG.FK	73630			4-1918	KRIST.FEHL.</		

REMEYUK - RICHTER

AD	9-2553	OPT.EIG.FK	73605	REVUZ	D	6-181	STATISTIK	17510	RICE	JR	11-260	ELASTIZIT.	22520		
E	5-860	STARKE WW.	41700	REVZEN	M	8-57	UNTERRICHT	12025		MJ	4-307	STATISTIK	17563		
I	12-1013	STARKE WW.	41725	REWAJ	T	11-2919	FK-SPEKTREN	73355			5-243	STATISTIK	17563		
I	5-1992	KRIST.FEHL.	66062	REX	D	8-1607	PLASMA	57053			7-244	STATISTIK	17563		
J	7-1942	KRIST.FEHL.	66060	REXER	E	6-2038	MECH.EIG.FK	66540			7-2238	LEITFHGK.FK	70060		
	11-2124	KRIST.FEHL.	66060			6-2389	METAL.LEITG	71000			7-2294	METAL.LEITG	71010		
	12-1356	KERNREAKTIO	43054	REY	G	9-2326	HALBLEITER	71570			12-2684	LEITFHGK.FK	70076		
AP	3-2848	MAGNETOSPH.	91280		J	10-1302	KERNREAKTIO	43075		OK	1-1488	MOLEKUELE	52575		
	3-2883	PLANETEN	93640	REYES SUTER	P	1-1102	KERNSPEKTR.	42555			1-1745	FLUESSIGK.	58525		
JR	3-1221	MOLEKUELE	52516			8-1142	KERNSPEKTR.	42555			11-353	THERMODYN.	24536		
EA	9-152	QUANTENTHEO	16570	REYLE	SP	2-279	HYDRODYNAM.	23030		SA	3-380	THERMODYN.	24550		
ENET	1-2032	DIELEKTRIKA	68030	REYNA	MV	12-715	OPT.INSTRUM.	28586			3-1697	KRISTALLE	65582		
	12-2474	DIELEKTRIKA	68020	REYNAUD	R	5-2125	THERMEIG.FK	67550			4-1758	FLUESSIGK.	58520		
LP	8-750	KERN-MESSG.	40503	REYNOLDS	CA	6-2112	THERMEIG.FK	67520			5-1367	MOLEKUELE	52512		
	12-1131	STARKE WW.	41783			10-1240	KERNREAKTIO	43048			5-2362	LEITFHGK.FK	70053		
G	2-655	KERN-MESSG.	40548		DC	1-2203	LEITFHGK.FK	70053			6-196	STATISTIK	17545		
	10-1274	KERNREAKTIO	43058		GO	3-44	BUECHER	11020			6-197	STATISTIK	17545		
JP	7-2837	SONNENPHYS.	93312			8-660	OPT.INSTRUM.	28566			6-1745	FLUESSIGK.	58570		
FM	2-865	STARKE WW.	41760		GT	10-733	KERN-MESSG.	40518			8-1777	FLUESSIGK.	58546		
	7-926	STARKE WW.	41730		JF	4-1643	PLASMA	57055			8-1782	FLUESSIGK.	58555		
B	8-305	STATISTIK	17540		JH	8-2840	SONNENPHYS.	93300			9-1625	FLUESSIGK.	58510		
JC	3-2289	SUPRALEITG.	70520		JM	6-2173	FK-SPEKTREN	73370			9-1638	FLUESSIGK.	58520		
JP	1-2056	FK-SPEKTREN	73370		ML	5-2592	FK-SPEKTREN	73330			10-1495	MOLEKUELE	52510		
	11-2971	FK-SPEKTREN	73370			9-2434	FK-SPEKTREN	73330			11-1845	GASE	58010		
	12-3081	FK-SPEKTREN	73370		RM	5-1682	GASENTLADG.	57850			11-1889	FLUESSIGK.	58520		
C	3-1322	PLASMA	57010		WC	7-332	HYDRODYNAM.	23030		TM	6-2486	LEITFHGK.FK	70053		
PU	2-959	KERNSPEKTR.	42545		WN	9-1916	MECH.EIG.FK	66514			7-2168	MAGN.EIG.FK	69050		
D	2-1025	KERNREAKTIO	43042	REYNOLDS JR. R.C.		9-1810	KRISTALLE	65580			7-2255	SUPRALEITG.	70510		
I	6-96	QUANTENTHEO	16516			3-2017	DIELEKTRIKA	68030			9-2135	MAGN.EIG.FK	69050		
JF	6-841	STARKE WW.	41773	REZ	IS	3-2538	FK-SPEKTREN	73380		RICE EVANS	W	10-374	HYDRODYNAM.	23020	
K	2-970	KERNSPEKTR.	42555			4-2491	OPT.EIG.FK	73610		RICH	P	7-772	KERN-MESSG.	40527	
TN	6-746	STARKE WW.	41700			6-2559	FK-SPEKTREN	73380			GJ	4-2550	DUENNE SCHI	74010	
	11-3456	KOSM.PHYSIK	94550			7-2541	OPT.EIG.FK	73610			JC	11-3364	SONNENPHYS.	93314	
JP	10-1080	KERNSPEKTR.	42545			9-626	PHYS.OPTIK	29063			M	4-2048	THERMEIG.FK	67520	
KF	1-2480	FK-SPEKTREN	73330	REZANKA	I	1-1120	KERNSPEKTR.	42560			TC	5-2616	FK-SPEKTREN	73380	
	7-2474	FK-SPEKTREN	73355			4-1128	KERNSPEKTR.	42560		RICHARD	TH	1-67	LABORTECHN.	12510	
	8-2481	FK-SPEKTREN	73330			6-961	KERNSPEKTR.	42560			C	3-1272	PLASMA	57010	
JH	5-823	ELEMENTART.	41563			6-974	KERNSPEKTR.	42560				7-518	HF-TECHNIK	27595	
B	1-206	QU.FELDTHEO	17010			6-975	KERNSPEKTR.	42560			H	9-1041	KERNREAKTIO	43054	
	1-214	QU.FELDTHEO	17015	REZENDE	SM	3-2168	MAGN.EIG.FK	69070			J	5-2739	DUENNE SCHI	74060	
	4-485	THERMODYN.	24520	REZLESCU	N	8-2193	MAGN.EIG.FK	69045			JC	1-505	TEILCH.OPT.	27016	
PJ	12-3412	PLANETEN	93640	REZNICHENKO	VY	4-629	MASER,LASER	28050			JL	11-83	QUANTENTHEO	16516	
GH	8-1043	STARKE WW.	41770			4-630	MASER,LASER	28050				11-1395	ATOME	52010	
	10-943	STARKE WW.	41753			10-2724	OPT.EIG.FK	73640			JP	2-224	FELDTHEORIE	18048	
M	3-1673	KRISTALLE	65572	REZNIK	EE	4-2672	GEOMAGNET.	90410				8-2908	PLANETEN	93640	
	9-1792	KRISTALLE	65572		KA	8-104	MESSEN	12240			P	5-2125	THERMEIG.FK	67550	
W.	5-2904	SONNENPHYS.	93328	REZNIKOV	IV	10-521	TEILCH.OPT.	27068			M	3-910	KERNSPEKTR.	42520	
ME	4-2272	SUPRALEITG.	70510	REZVITSKY	VA	11-1702	PLASMA	57045				6-1000	KERNSPEKTR.	42570	
	6-198	STATISTIK	17560	RHINES	PB	3-310	HYDRODYNAM.	23030				7-1218	KERNREAKTIO	43066	
P	6-2916	STERNE	94020	RHO	M	1-796	ELEMENTART.	41543				11-1146	KERNSPEKTR.	42570	
CA	5-2726	DUENNE SCHI	74050			1-832	ELEMENTART.	41574		RICHARDS	D	2-1521	GASE	58060	
P	10-935	STARKE WW.	41745			4-871	ELEMENTART.	41543				11-1451	ATOME	52065	
PM	1-550	MASER,LASER	28040			4-1059	KERNSTRUKT.	42070			EA	10-518	TEILCH.OPT.	27062	
	5-591	MASER,LASER	28060	RHOADES JR. CE		11-955	KERNSTRUKT.	42020			FC	4-1258	KERNREAKTIO	43062	
	5-1470	MOLEKUELE	52580	RHOADS	FJ	4-2780	IONOSPHAERE	91072			JR	3-2878	PLANETEN	93640	
	6-402	MASER,LASER	28045	RHODE	JI	6-815	STARKE WW.	41764			KC	4-1080	KERNSPEKTR.	42515	
BW	8-1217	KERNREAKTIO	43054		CA	5-700	PHYS.OPTIK	29060			PM	5-2188	FK-SPEKTREN	73355	
NS	1-1635	PLASMA	57080		CG	4-1894	KRISTALLE	65588				10-2644	FK-SPEKTREN	73360	
AN	8-2778	LUFTHUELLE	90860		E	7-1754	FLUESSIGK.	58562				11-2360	MAGN.EIG.FK	69025	
SA	5-1166	KERNREAKTIO	43066		M	11-2958	FK-SPEKTREN	73370			RE	5-1802	FLUESSIGK.	58560	
	11-1313	KERNREAKTIO	43066			11-2959	FK-SPEKTREN	73370				7-1752	FLUESSIGK.	58557	
WW	3-253	FELDTHEORIE	18020			12-2028	FLUESSIGK.	58557				8-2559	FK-SPEKTREN	73370	
	9-173	QU.FELDTHEO	17010		P	12-2621	LEITFHGK.FK	70024			RS	6-2970	KOSM.PHYSIK	94560	
R	12-1209	KERNSPEKTR.	42545		W	11-1631	POLYMERE	53546			W	3-2933	SEHEN	96618	
JD	1-1744	FLUESSIGK.	58527			11-1639	POLYMERE	53546				12-3495	SEHEN	96614	
	3-1547	FLUESSIGK.	58527	RHODIN	TN	3-2600	DUENNE SCHI	74010			WB	1-858	STARKE WW.	41725	
K	8-2399	HALBLEITER	71540			4-2558	DUENNE SCHI	74020				6-816	STARKE WW.	41764	
	11-2726	HALBLEITER	71550			5-2785	GRENZFL.FK	74573			WG	7-1383	MOLEKUELE	52512	
KV	1-850	STARKE WW.	41720	RHYNE	JJ	10-2326	MAGN.EIG.FK	69070				11-1500	MOLEKUELE	52512	
	3-796	STARKE WW.	41725			12-2587	MAGN.EIG.FK	69065		RICHARDSON	AW	5-1438	MOLEKUELE	52524	
	9-819	STARKE WW.	41725	RHYNER	CR	12-2254	KRIST.FEHL.	68050			BL	9-390	WAERME	24060	
IS	2-2452	OPT.EIG.FK	73605	RIASHY	J	10-2349	LEITFHGK.FK	70020			C	10-994	STARKE WW.	41775	
	2-2453	OPT.EIG.FK	73605	RIAZUDDIN		2-831	STARKE WW.	41750			CB	8-1446	MOLEKUELE	52547	
LN	12-3172	DUENNE SCHI	74010			10-953	STARKE WW.	41753				12-1642	MOLEKUELE	52547	
HA	3-2098	MAGN.EIG.FK	69025			12-931	ELEMENTART.	41546			JM	8-294	STATISTIK	17526	
	2-1314	FK-SPEKTREN	73370	RIBARIC	M	7-1253	K-REAKTOREN	43510			JR	3-1052	KERNREAKTIO	43054	
	8-2682	GRENZFL.FK	74535	RIBCO	L	5-1998	KRIST.FEHL.	66065				4-1113	KERNSPEKTR.	42555	
	12-2232	KRIST.FEHL.	66020	RIBE	FL	2-1456	PLASMA	57090				6-931	KERNSPEKTR.	42545	
F	2-1217	ATOME	52065			3-1431	PLASMA	57260				6-942	KERNSPEKTR.	42545	
KOFF	2-838	STARKE WW.	41753			5-1656	PLASMA	57260				11-938	KERNSTRUKT.	42010	
	2-839	STARKE WW.	41753	RIBIN	VV	6-2834	IONOSPHAERE	91060				11-1251	KERNREAKTIO	43052	
	10-151	QUANTENTHEO	16516	RIBNIKAR	SV	10-95	LABORTECHN.	12530				11-1254	KERNREAKTIO	43052	
	12-245	QUANTENTHEO	16578	RIBON	P	10-1241	KERNREAKTIO	43048				11-1260	KERNREAKTIO	43054	
	12-1090	STARKE WW.	41760			10-1243	KERNREAKTIO	43048				11-1261	KERNREAKTIO	43054	
YANSKII VF	6-2731	GRENZFL.FK	74570	RIBRAG	M	10-1324	KERNREAKTIO	43092				8-2198	MAGN.EIG.FK	69050	
ELLI	1-1151	KERNSPEKTR.	42570	RICARD	J	4-724	PHYS.OPTIK	29030			MC	3-2536	FK-SPEKTREN	73380	
	6-909	KERNSPEKTR.	42520			4-773	PHYS.OPTIK	29086				12-671	OPT.INSTRUM.	28530	
DH	3-1115	KERNSTRHLG.	44035			5-703	PHYS.OPTIK	29060			NL	12-647	MASER,LASER	28060	
IGNOLI	1-868	STARKE WW.	41730			9-602	PHYS.OPTIK	29033			PD	4-422	HYDRODYNAM.	23050	
	6-774	STARKE WW.	41730			9-620	PHYS.OPTIK	29050				5-388	WAERME	24060	
	6-776	STARKE WW.	41730	RICATEAU	P	5-1677	PLASMA	57030			RC	6-2171	FK-SPEKTREN	73370	
	8-969	STARKE WW.	41730	RICCA	F	6-2715	GRENZFL.FK	74535			RW	2-905	KERNSTRUKT.	42020	
U	9-2425	FK-SPEKTREN	73330			6-2716	GRENZFL.FK	74535		RICHARDSON JR. R.W.		2-84	QUANTENTHEO	16516	
INGHAUS G	1-92	VAKUUM	13020			7-2079	THERMEIG.FK	67510				6-70	VAKUUM	13016	
J	4-2617	GRENZFL.FK	74535			9-2672	GRENZFL.FK	74530			RICHARDT	MA	7-608	OPT.INSTRUM.	28526
	11-1931	FLUESSIGK.	58557	RICCI	E	2-1076	KERNREAKTIO	43075			RICHARTZ	M	1-1007	KERNSTRUKT.	42070
	12-1981	FLUESSIGK.	58530			10-728	KERN-MESSG.	40500			RICHERT	J	1-825	ELEMENTART.	41566
	12-2460	DIELEKTRIKA	68000		FP	1-1746	FLUESSIGK.	58527					2-788	STARKE WW.	41725
PJ	10-1907	KRISTALLE	65510			3-1555	FLUESSIGK.	58527					4-997	STARKE WW.	41764

RICHTER	F	8-1684	PLASMA	57279	RIGAUT	F	1- 378	HYDRODYNAM.	23060	RISSET	JC	11-3493	HOEREN	9
	G	6- 386	MASER, LASER	28000			1- 379	HYDRODYNAM.	23060	RISTAU	O	12- 584	HF-TECHNIK	2
		7-1323	ATOME	52045			6- 254	HYDRODYNAM.	23020	RISTE	T	11-2299	MAGN.EIG.FK	6
		10-1360	K-REAKTOREN	43540	RIGAUX	C	1-2530	OPT.EIG.FK	73610			11-2307	MAGN.EIG.FK	6
	H	2-1528	FLUESSIGK.	58520			3-2544	OPT.EIG.FK	73610			11-2315	MAGN.EIG.FK	6
		7-1688	FLUESSIGK.	58520			7-2446	FK-SPEKTREN	73330	RISTINEM	RA	1- 729	KERN-MESSG.	4
		8-1719	FLUESSIGK.	58520	RIGBY	LJ	12- 143	VAKUUM	13016			2- 944	KERN-SPEKTR.	4
		8-1724	FLUESSIGK.	58520	RIGGS	BA	1-2594	DUENNE SCHI	74010			2- 965	KERN-SPEKTR.	4
	J	2- 315	AKUSTIK	23550	RIGHETTI	GR	12-1819	PLASMA	57085			7- 762	KERN-MESSG.	4
		6-2039	MECH.EIG.FK	66545	RIGHINI	A	1-2790	SONNENPHYS.	93314	ITCHIE	AB	2- 100	QUANTENTHEO	1
		6-2158	DIELEKTRIKA	68050			1-2797	SONNENPHYS.	93328			10-2699	OPT.EIG.FK	7
		6-2863	SONNENPHYS.	93300			2-2823	SONNENPHYS.	93300	AIM		9- 697	BESCHLEUNIG	4
		7-2342	HALBLEITER	71540			3- 585	OPT.INSTRUM	28570			12-1418	K-REAKTOREN	4
	L	7- 52	BUECHER	11040	RIGLER	AK	2-2467	FK-SPEKTREN	73325	CD		5-1346	MOLEKUELE	5
	N	7- 52	BUECHER	11040	RIGNY	P	6-2183	FK-SPEKTREN	73370	IG		5-2103	GITTERDYN.	6
	R	1-1330	KERNREAKTIO	43080			9-1691	FLUESSIGK.	58557	RH		7-2230	LEITFHGK.FK	7
	W	2- 599	PHYS.OPTIK	29066			9-2488	FK-SPEKTREN	73355			11-2598	LEITFHGK.FK	7
RICHTERING	H	3- 377	THERMODYN.	24536	RIGOPOULOS	R	6- 790	STARKE WW.	41745	RITCHIE JR.	AB	6-1629	FLUESSIGK.	7
		4-2086	FK-SPEKTREN	73370	RIGROD	WW	9- 527	MASER, LASER	28055	RITSMA	RJ	4-2908	HOEREN	9
		10-2651	FK-SPEKTREN	73370			12- 599	MASER, LASER	28044	RITSON	DM	8- 910	ELEMENTART.	4
RICHTMYER	RD	4- 71	BUECHER	11020	RIGUTTI	M	1-2790	SONNENPHYS.	93314			10- 853	ELEMENTART.	4
RICKARD	TES	9-1593	GASENTLADG.	57870			1-2797	SONNENPHYS.	93328	RITTENBERG	V	3- 835	STARKE WW.	4
RICKEL	DG	1-2592	DUENNE SCHI	74010			2-2823	SONNENPHYS.	93300			5- 950	STARKE WW.	4
RICKERS	G	11-2142	GRENZFL.FK	74535			7-2857	SONNENPHYS.	93328			8- 936	STARKE WW.	4
RICKERT	H	9- 414	THERMODYN.	24595	RIHAN	TH	4-1190	KERNREAKTIO	43012			11- 136	QUANTENTHEO	1
RICKETT	BJ	8-2998	KOSM.PHYSIK	94560			12-1311	KERNREAKTIO	43012			11- 137	QUANTENTHEO	1
		9-2989	KOSM.PHYSIK	94550			12-1312	KERNREAKTIO	43012	RITTER	E	8-2633	DUENNE SCHI	7
		12-3471	KOSM.PHYSIK	94550	RIIS	V	12-1669	MOLEKUELE	52562		ET	2- 980	KERN-SPEKTR.	4
RICKETTS	BW	10-1708	PLASMA	57080	RIJ VAN	WI	3-1009	KERNREAKTIO	43012		G	6-1826	FK-SPEKTREN	7
	RE	7- 389	WAERME	24030	RIJHIKOV	S	6- 556	KERN-MESSG.	40512			9-2367	FK-SPEKTREN	7
RICKEY	F	8-1172	KERN-SPEKTR.	42570	RIKITAKE	T	3-2708	ERDKOERPER	90240		GJ	11-2152	KRIST.FEHL.	6
	ME	11-1265	KERNREAKTIO	43054	RILEY	B	10-1010	STARKE WW.	41790		JT	9-1010	KERNREAKTIO	4
RICKEY JR.	FA	12-1267	KERN-SPEKTR.	42565		C	8-1479	MOLEKUELE	52575		RC	3-1067	KERNREAKTIO	4
RICOLFI	T	7-1873	KRIST.FEHL.	66015		GH	5- 757	KERN-MESSG.	40580	RITTERSHAUS	E	5-2553	FK-SPEKTREN	7
RIDDELL JR.	RJ	8- 829	ELEMENTART.	41500		J	8-2007	KRIST.FEHL.	66073	RITUS	AI	9-2460	FK-SPEKTREN	7
		9- 790	STARKE WW.	41700		KF	11- 916	STARKE WW.	41783	RITZ	L	10-1334	K-REAKTOREN	4
RIDDIFORD	LP	6- 790	STARKE WW.	41745		N	2- 276	HYDRODYNAM.	23030	RITZEN	JMJ	9-2039	THERMIE.FK	6
RIDDIHOUGH	R	1-2700	GEOMAGNET.	90440		PJ	11- 503	TEILCH.OPT.	27010	RIUS	G	12-2318	KRIST.FEHL.	6
RIDDLE	AC	9-2832	ASTROPHYSIK	93030		WA	9-1707	FLUESSIGK.	58570	RIVAS	JLA	5-1968	KRIST.FEHL.	6
	EA	6- 356	TEILCH.OPT.	27016	RIHAI	L	4-2464	FK-SPEKTREN	73340	RIVERA	C	8- 93	UNTERRICHT	1
	RAJ	1-1218	KERNREAKTIO	43052			4-2465	FK-SPEKTREN	73340		JJ	11-1965	KRISTALLE	6
RIDEAU	G	1- 150	QUANTENTHEO	16526			11-2892	FK-SPEKTREN	73340		JM	3-1848	KRIST.FEHL.	6
RIDEOUT	VL	1- 472	ELEKTIZIT.	26060	IRIMINI	A	4- 776	KERN-MESSG.	40505	RIVEROS	H	6-1806	KRISTALLE	6
RIDER	JG	7-2292	METAL.LEITG	71000			12-1163	KERNSTRUKT.	42070	RIVERS	RJ	5- 934	STARKE WW.	4
		11-3078	DUENNE SCHI	74020			12-1238	KERN-SPEKTR.	42555			6- 753	STARKE WW.	4
	NE	8-2747	LUFTHUELLE	90810			7-1918	KRIST.FEHL.	66035	RIVES	JE	4-2185	MAGN.EIG.FK	6
RIDGE	MJ	4-2172	MAGN.EIG.FK	69045	RIMMER	EM	7-1178	KERNREAKTIO	43044	RIVIER	AD	3-2285	SUPRALEITG.	7
RIDGELEY	A	1-2791	SONNENPHYS.	93316			7-1196	KERNREAKTIO	43054	RIVIERE	D	5-1299	ATOME	5
RIDGELEY	DH	10-2312	MAGN.EIG.FK	69060			11- 814	STARKE WW.	41735		JC	4- 558	TEILCH.OPT.	2
RIDGWAY	K	12- 126	LABORTECHN.	12560	RIMPAULT	M	11- 786	STARKE WW.	41725		R	7-2648	GRENZFL.FK	7
RIDLEY	BK	1-2362	HALBLEITER	71540	RINALDUCCI	EJ	3-2932	SEHEN	96614			2- 978	KERN-SPEKTR.	4
	BW	4-1250	KERNREAKTIO	43056	RINANDER	GA	4-1185	KERNREAKTIO	43010			5-1078	KERN-SPEKTR.	4
		12-1382	KERNREAKTIO	43075			4-1186	KERNREAKTIO	43010	RIVLIN	LA	7- 558	MASER, LASER	2
	N	3-1709	KRISTALLE	65588			8- 944	STARKE WW.	41725			7- 559	MASER, LASER	2
	RG	2- 658	KERN-MESSG.	40570	RINAUDO	G	4-2288	SUPRALEITG.	70520			9-2539	FK-SPEKTREN	7
RIDYARD	JNA	7- 617	OPT.INSTRUM	28530	RINDERER	L	3- 703	KERN-MESSG.	40582		RS	2-2073	MAGN.EIG.FK	6
RIECH	V	9-1041	KERNREAKTIO	43054	RINDI	A	6- 622	BESCHLEUNIG	41000			9- 634	PHYS.OPTIK	2
RIECK	H	5- 34	BUECHER	11020	RINDLER	W	4- 315	FELDTHEORIE	18010			7-1682	FLUESSIGK.	5
		10- 663	OPT.INSTRUM	28570			5-2980	KOSM.PHYSIK	94580	RIVOIRA	R	6-2683	DUENNE SCHI	7
RIECKE	WD	7- 463	TEILCH.OPT.	27030			9- 695	BESCHLEUNIG	41010			6-2689	DUENNE SCHI	7
RIECKER	RE	7-2018	MECH.EIG.FK	66550	RINEHART	JL	1-2799	SONNENPHYS.	93340			7-2620	DUENNE SCHI	7
RIECKERS	A	8- 170	QUANTENTHEO	16513	RINFRET	MC	8-1521	POLYMERE	53535			10-1551	MOLEKUELE	5
RIECKHOFF	KE	7-1704	FLUESSIGK.	58530	RING	DB	1-1374	ATOME	52030	RIVOIRE	G	5-1928	KRISTALLE	6
RIEDEL	K	2-1074	KERNREAKTIO	43070		J	6- 446	OPT.INSTRUM	28530	RIWAN	R	10-2935	IONOSPHAERE	9
		6- 897	KERNSTRUKT.	42075			6- 465	OPT.INSTRUM	28540	RIX	J	1- 960	STARKE WW.	4
		8-1122	KERN-SPEKTR.	42545			6- 476	OPT.INSTRUM	28545			9-1747	KRISTALLE	6
		12-1377	KERNREAKTIO	43070			6- 479	OPT.INSTRUM	28545	RIZI	SIH	7-1042	KERN-SPEKTR.	4
	E	3- 240	STATISTIK	17563			6-2858	ASTROPHYSIK	93020	RIZZI	G	11-1105	KERN-SPEKTR.	4
	EP	2- 474	MASER, LASER	28045			12-3339	LUFTHUELLE	90870	RIZZUTO	C	1-1731	FLUESSIGK.	5
	G	5- 738	KERN-MESSG.	40565	RINGEISSEN	J	5-2321	LEITFHGK.FK	70035			6-2400	METAL.LEITG	7
	HJ	10-2745	DUENNE SCHI	74010			5-2322	LEITFHGK.FK	70035	ROACH	G	10-2316	MAGN.EIG.FK	6
RIEDER	KH	11-1365	K-REAKTOREN	43560			5-2674	OPT.EIG.FK	73620		AF	8-1486	MOLEKUELE	5
	HJ	8-2078	GITTERDYN.	67040	RINGHARDT	I	1- 608	OPT.INSTRUM	28513		GC	12-3383	SONNENPHYS.	9
	R	3-1035	KERNREAKTIO	43046	RINGHIOPOL	I	10- 732	KERN-MESSG.	40512		JF	7-1450	MOLEKUELE	5
	Z	3-1907	GITTERDYN.	67010	RINGLER	H	12-1900	GASENTLADG.	57860		PR	1-1743	FLUESSIGK.	5
RIEDI	PC	4-2083	FK-SPEKTREN	73345			12-1901	GASENTLADG.	57860	ROALSVIG	JP	4-1028	STARKE WW.	4
		10-1945	KRISTALLE	65545	RINGO	GR	7- 772	KERN-MESSG.	40527			6- 864	STARKE WW.	4
RIEDINGER	LL	11-2976	FK-SPEKTREN	73370	RINGWOOD	AE	3-1888	MECH.EIG.FK	66550			11- 926	STARKE WW.	4
		5-1083	KERN-SPEKTR.	42565	RINK	J	9-2759	LUFTHUELLE	90830	ROB	L	5- 914	STARKE WW.	4
RIEDL	HR	11-1136	KERN-SPEKTR.	42565	RINKYAVICHYUS	V.S.						5- 915	STARKE WW.	4
		5-2582	FK-SPEKTREN	73330			11-2292	DIELEKTRIKA	68060	ROBASCHIK	D	4-1197	KERNREAKTIO	4
RIEDLER	W	4-2769	IONOSPHAERE	91050	RINSVELT	VAN H.A.				ROBAUX	O	7- 676	PHYS.OPTIK	2
RIEDMUELLER	W	12-1846	PLASMA	57206			11-1320	KERNREAKTIO	43075	ROBB	CJ	11-3289	LUFTHUELLE	9
RIEF	H	9-1096	K-REAKTOREN	43510			1- 367	HYDRODYNAM.	23050	ROBBIE	JD	7-2582	DUENNE SCHI	7
		9-1104	K-REAKTOREN	43515	RIEDEL	F	10- 234	QUANTENTHEO	16588	ROBBINS	EJ	6-1223	ATOME	5
		10-1348	K-REAKTOREN	43515	RIOU	M	4-1474	MOLEKUELE	52534			11-1683	PLASMA	5
RIEGL	D	1-1246	KERNREAKTIO	43066			10-1272	KERNREAKTIO	43056		KG	10-2757	DUENNE SCHI	7
RIEGER	E	7-2711	GEOMAGNET.	90460	RIPAMONTI	A	5-1914	KRISTALLE	65580		LA	11-1253	KERNREAKTIO	4
RIEHL	JW	4-1752	GASE	58050	RIPKA	G	4-1046	KERNSTRUKT.	42030		M	5-1903	KRISTALLE	6
	N	3-2568	OPT.EIG.FK	73625			11- 973	KERNSTRUKT.	42050			6-2379	SUPRALEITG.	7
		4-2502	OPT.EIG.FK	73620			11-1003	KERNSTRUKT.	42075			9-1822	KRISTALLE	6
		7-2955	BIOPHYSIK	96000			12-1181	KERNSTRUKT.	42075			11-2313	MAGN.EIG.FK	6
		12-2675	LEITFHGK.FK	70065	RIPOCHE	J	4-2417	FK-SPEKTREN	73325			11-2405	MAGN.EIG.FK	6
		12-3153	OPT.EIG.FK	73670	RIPPER	JE	1- 569	MASER, LASER	28050		RR	9-2969	KOSM.PHYSIK	9
RIEHLE	I	4-1213	KERNREAKTIO	43044	RISEBERG	LA	2-1885	GITTERDYN.	67020			11-3426	KOSM.PHYSIK	9
RIES	RP	4-2779	IONOSPHAERE	91072			6-1815	KRISTALLE	65545			11-3427	KOSM.PHYSIK	9
RIESEBERG	WB	7- 857	ELEMENTART.	41546			2- 159	QU.FELDTHEO	17015		WP	7- 498	HF-TECHNIK	2
RIESENFELD	M	11-1805	PLASMA	57263	RISEBROUGH	NR	4-1982	MECH.EIG.FK	66516	ROBBRECHT	GG	3-2135	MAGN.EIG.FK	6
RIESS	F	1-1064												

D	2- 721 ELEMENTART.	41560	ROBINSON	DW	1- 226 STATISTIK	17520	RODGER	I	3-2872 PLANETEN	93630	
	9-1343 MOLEKUELE	52560			4- 182 QUANTENTHEO	16516	RODGERS	AL	7-1242 KERNREAKTIO	43092	
G	4-2382 HALBLEITER	71585			4- 295 STATISTIK	17530		R	8-1469 MOLEKUELE	52575	
	9-1844 KRIST.FEHL.	66025			4- 296 STATISTIK	17530	RODICHEV	VI	10- 330 FELDTHEORIE	18060	
J	1-1781 FLUESSIGK.	58565			4- 441 AKUSTIK	23520	RODIMOVA	OB	9- 916 KERNSTRUKT.	42080	
	4-1633 PLASMA	57053			4-1491 MOLEKUELE	52543	RODIONOV	BU	8-1815 FLUESSIGK.	58573	
JL	9-2176 LEITFHGK.FK	70028			8- 258 QU.FELDTHEO	17015		MK	6-2429 HALBLEITER	71530	
TS	10-1810 FLUESSIGK.	58520			8- 309 STATISTIK	17560		SF	9-2771 LUFTHUELLE	90850	
AP	7-2803 MAGNETOSPH.	91226			8- 422 AKUSTIK	23530			10-2901 LUFTHUELLE	90860	
DE	3-1153 ATOME	52045						YF	9- 652 KERN-MESSG.	40520	
	9-1205 ATOME	52045						YS	6-2839 IONOSPHAERE	91072	
	9-1206 ATOME	52045						RODIONOVA	EK	10-1786 GASE	58025
	10-1423 ATOME	52045						LM	11-3050 OPT.EIG.FK	73670	
FE	6-2410 HALBLEITER	71510						H	1-2133 MAGN.EIG.FK	69040	
GG	1-2294 HALBLEITER	71570							10-2472 HALBLEITER	71530	
	2-2450 FK-SPEKTREN	73300						M	1-2133 MAGN.EIG.FK	69040	
	9-2388 FK-SPEKTREN	73325							6-2116 THERMEIG.FK	67520	
	11-2553 LEITFHGK.FK	70028							12-2769 HALBLEITER	71530	
J	3- 331 HYDRODYNAM.	23070						RODRIGUE	GP	10- 537 HF-TECHNIK	27540
JA	9-2994 KOSM.PHYSIK	94560						RODRIGUES	R	4-2874 KOSM.PHYSIK	94540
JBG	8-2825 MAGNETOSPH.	91250							9-2977 KOSM.PHYSIK	94540	
JF	10-2755 DUENNE SCHI	74010							11-3436 KOSM.PHYSIK	94540	
JM	7- 298 ELASTIZIT.	22510						RM	5-2810 KOSM.STRLG.	90610	
JR	1-1399 ATOME	52045						RODRIGUEZ	CE	9-1264 MOLEKUELE	52512
JTA	3-2173 MAGN.EIG.FK	69070						S	1-1965 BITTERDYN.	67060	
KV	5-1572 PLASMA	57055							1-2234 LEITFHGK.FK	70070	
	9-1475 PLASMA	57055							2-2221 LEITFHGK.FK	70053	
M	4-1902 KRIST.FEHL.	66010							3-1521 GASE	58050	
	4-2264 LEITFHGK.FK	70074							12-2812 HALBLEITER	71570	
	11-1803 PLASMA	57263						RODRIGUEZ	PASQUES R.H.		
	12-2641 LEITFHGK.FK	70035							5- 765 KERN-MESSG.	40582	
HJ	1-1426 ATOME	52070						ROE	BP	4- 937 STARKE WW.	41725
MS	11-3417 KOSM.PHYSIK	94510							RB	4-2587 DUENNE SCHI	74050
HW	4-2619 GRENZFL.FK	74535							RJ	7-1677 FLUESSIGK.	58510
	4-2626 GRENZFL.FK	74535						ROEBBER	JL	4-1501 MOLEKUELE	52526
PH	3- 308 HYDRODYNAM.	23030						ROECKER	W	2-2093 MAGN.EIG.FK	69035
	5- 386 WAERME	24050							11-2383 MAGN.EIG.FK	69035	
PJ	1-2666 GRENZFL.FK	74570						ROEDEL	W	7-2742 LUFTHUELLE	90840
	6-2313 LEITFHGK.FK	70035							12- 769 KERN-MESSG.	40505	
	7-1377 MOLEKUELE	52510						ROEDENBECK	M	1- 45 BUECHER	11010
	8-1298 ATOME	52010						ROEDER	JL	2-1031 KERNREAKTIO	43044
RA	4-2215 LEITFHGK.FK	70026							RC	1- 285 FELDTHEORIE	18060
RE	6-1155 MOLEKUELE	52510								6-2985 KOSM.PHYSIK	94580
RG	2- 775 STARKE WW.	41720								6-2988 KOSM.PHYSIK	94580
	2- 778 STARKE WW.	41725								9-2930 STERNE	94030
	5- 887 STARKE WW.	41725						ROEDERER	JG	3-2843 MAGNETOSPH.	91230
	6- 830 STARKE WW.	41767						ROEDERS	JDA	9- 996 KERNREAKTIO	43008
	9- 872 STARKE WW.	41764							10-1258 KERNREAKTIO	43054	
RW	3- 91 VAKUUM	13013							11-1268 KERNREAKTIO	43054	
	3- 104 VAKUUM	13030						ROEHL	WH	12-1150 KERNSTRUKT.	42020
	6-2706 GRENZFL.FK	74535						ROEHLER	R	10- 60 BUECHER	11010
S	10-2640 FK-SPEKTREN	73360						ROEHMER	FC	1-1079 KERNSPEKTR.	42545
TG	9-1560 PLASMA	57260								1-1104 KERNSPEKTR.	42555
TR	3- 360 WAERME	24060						ROEHR	H	3-1432 PLASMA	57206
WA	9-2895 PLANETEN	93640								8-1566 PLASMA	57020
WK	11-1245 KERNREAKTIO	43052						ROEHRS	H	5-2815 LUFTHUELLE	90810
WO	3-2784 LUFTHUELLE	90800						ROELLGEN	FW	8- 526 TEILCH.OPT.	27040
AG	7-1079 KERNSPEKTR.	42545						ROELLIG	K	5-1831 FLUESSIGK.	58573
AJB	2-2666 GRENZFL.FK	74535						ROEMER	KJ	1-2583 OPT.EIG.FK	73640
B	3- 214 STATISTIK	17520	ROBINSON III M.J.		12- 727 PHYS.OPTIK	29035			M	1-2736 LUFTHUELLE	90830
	8- 301 STATISTIK	17540	ROBISCOE	RT	10-1413 ATOME	52030	ROEPKE	G	9- 144 QUANTENTHEO	16533	
	8-1454 MOLEKUELE	52550	ROBL	HR	9- 491 MASER,LASER	28035		H	5-1047 KERNSPEKTR.	42545	
BC	8-1110 KERNSPEKTR.	42540	ROBLEY	R	5-2830 LUFTHUELLE	90870			7-1080 KERNSPEKTR.	42545	
	8-1124 KERNSPEKTR.	42545			6-2768 GEOMAGNET.	90470			8-1114 KERNSPEKTR.	42545	
BE	10-1989 KRISTALLE	65584	ROBLIN	G	5- 675 PHYS.OPTIK	29035			12-1354 KERNREAKTIO	43054	
CW	2- 517 OPT.INSTRUM	28530			2- 531 OPT.INSTRUM	28545	ROESCH	J	7-2856 SONNENPHYS.	93328	
D	5- 814 ELEMENTART.	41560	ROBRACK	KH	7-1173 KERNREAKTIO	43044		S	9-2847 SONNENPHYS.	93322	
	10- 866 ELEMENTART.	41570	ROBSON	BA	4- 224 QUANTENTHEO	16570			8-2775 LUFTHUELLE	90860	
DS	6-2969 KOSM.PHYSIK	94560			7-1225 KERNREAKTIO	43075	ROESCHERT	G	2-1069 KERNREAKTIO	43066	
	7-2123 DIELEKTRIKA	68030			11-1287 KERNREAKTIO	43060			6-1083 KERNREAKTIO	43064	
	9- 709 BESCHLEUNIG	41020			12-1365 KERNREAKTIO	43064			9-1057 KERNREAKTIO	43064	
I	6-1024 KERNREAKTIO	43012			4- 224 QUANTENTHEO	16570	ROESELER	A	8- 628 OPT.INSTRUM	28530	
JB	2-2375 HALBLEITER	71563			4-1170 KERNREAKTIO	43005		J	7-2218 LEITFHGK.FK	70053	
JM	2- 260 HYDRODYNAM.	23020			5-2199 FK-SPEKTREN	73355			10-2378 LEITFHGK.FK	70053	
	11-2931 FK-SPEKTREN	73360			7-1156 KERNREAKTIO	43012	ROESLER	FL	6- 487 OPT.INSTRUM	28545	
JS	8-3035 STRAHL.BIOL	97000			9-2708 ERDKOERPER	90240			7-1310 ATOME	52030	
MM	7-1310 ATOME	52030			9- 459 TEILCH.OPT.	27040	HJ		3-2712 ERDKOERPER	90250	
WJ	7- 910 STARKE WW.	41725			PN	11-2716 HALBLEITER	71540	ROESS	D	3- 497 MASER,LASER	28045
WW	3-1436 PLASMA	57010			JM	10- 517 TEILCH.OPT.	27058			9- 509 MASER,LASER	28045
	10- 111 LABORTECHN.	12570			Y	5-2823 LUFTHUELLE	90840	ROESSLE	E	2-1030 KERNREAKTIO	43044
CHAUH	8-2341 SUPRALEITG.	70550	ROCCA	F	6- 158 QU.FELDTHEO	17010			7-1000 KERNSTRUKT.	42010	
LLARD	1- 534 HF-TECHNIK	27540	ROCCELLA	M	3- 667 KERN-MESSG.	40512		B	2-2097 MAGN.EIG.FK	69035	
	7-2657 GRENZFL.FK	74535	ROCCICCIOLI C		10-1995 KRISTALLE	65584			9-1786 KRISTALLE	65572	
B	6- 339 ELEKTRIZIT.	26060	ROCCO DE	AG	12-1677 MOLEKUELE	52575		DM	2-2460 FK-SPEKTREN	73320	
GQ	2-2698 ERDKOERPER	90230			12-1678 MOLEKUELE	52575			6-2511 FK-SPEKTREN	73320	
L	7- 512 HF-TECHNIK	27550	ROCH	J	8-2217 MAGN.EIG.FK	69065			9-2545 OPT.EIG.FK	73605	
S	1-2460 FK-SPEKTREN	73320			10-2690 OPT.EIG.FK	73605			10-2553 FK-SPEKTREN	73320	
	1-2630 DUENNE SCHI	74060	ROCHA DA TRINDADE A.						11-1996 KRISTALLE	65545	
	1-2632 DUENNE SCHI	74060			11-1831 GASENTLADG.	57860		E	8-1140 KERNSPEKTR.	42555	
	4-2429 FK-SPEKTREN	73320	ROCHE	C	2- 213 FELDTHEORIE	18040	F		4- 766 PHYS.OPTIK	29063	
	4-2595 DUENNE SCHI	74060		J	2- 663 KERN-MESSG.	40582		U	5-2825 LUFTHUELLE	90870	
	5- 712 PHYS.OPTIK	29083			2- 938 KERNSPEKTR.	42515		W	7-2532 OPT.EIG.FK	73605	
	5-2635 OPT.EIG.FK	73605		JA	10- 329 FELDTHEORIE	18060			2-2570 DUENNE SCHI	74010	
	6-1172 ATOME	52024		MF	11-1157 KERNSPEKTR.	42575	ROETH	EP	11-2706 HALBLEITER	71540	
	8-2663 DUENNE SCHI	74060	ROCHE LA	U	11- 533 PHYS.OPTIK	29010	ROETHIG	DT	4-2876 KOSM.PHYSIK	94540	
	11-2840 FK-SPEKTREN	73320	ROCHER	YA	3-2289 SUPRALEITG.	70520			11-3434 KOSM.PHYSIK	94540	
	12- 661 OPT.INSTRUM	28513			7-2291 SUPRALEITG.	70500	ROETLING	PG	11- 538 PHYS.OPTIK	29015	
AM	11-1428 ATOME	52040			1- 60 MESSEN	12220	ROETTGER	R	8- 102 MESSEN	12240	
BB	1-2207 LEITFHGK.FK	70056	ROCHEROLLES R		4- 911 ELEMENTART.	41574			8-3025 BIOPHYSIK	96040	
	3-2242 LEITFHGK.FK	70056	ROCHESLER LS		3- 63 LABORTECHN.	12530	ROETZER	H	8-1205 KERNREAKTIO	43046	
BJ	4-2886 KOSM.PHYSIK	94550	ROCHKIND	MM	4-1469 MOLEKUELE	52536			9-1026 KERNREAKTIO	43046	
	4-2887 KOSM.PHYSIK	94550			1-2265 SUPRALEITG.	70520	ROFFI	G	12-3475 KOSM.PHYSIK	94550	
	8-2968 KOSM.PHYSIK	94520	ROCHLIN	GI	3-217						

ROGANOV	VS	10-1379	KERNSTRHLG.	44030	ROMAN	P	4- 87	UNTERRICHT	12025	ROSCISZEWSKI J	3-1355	PLASMA	57	
ROGAVA	OG	9-2748	KOSM.STRHLG.	90636			7- 192	QU.FELDTHEO	17010	ROSE	A	1-2369	HALBLEITER	71
ROGER	A	11-2446	MAGN.EIG.FK	69060			12-1062	STARKE WW.	41750		B	7-1001	KERNSTRUKT.	42
	C	12-1738	PLASMA	57017		S	7-1188	KERNREAKTIO	43052			8-1062	KERNSTRUKT.	42
	RS	12-3463	KOSM.PHYSIK	94520			10-1286	KERNREAKTIO	43064			8-1802	FLUESSIGK.	58
ROGERS	AEE	3-2850	ASTROPHYSIK	93020			11-1301	KERNREAKTIO	43064		DJ	1-1600	PLASMA	57
		10-3080	KOSM.PHYSIK	94520		WC	7- 436	ELEKTRIZIT.	26040			1-1708	GASENTLADG.	57
	CB	7-2114	DIELEKTRIKA	68020	ROMAND	J	10- 632	OPT.INSTRUM	28530		GD	5-1567	PLASMA	57
	EM	3- 35	BUECHER	11000	ROMANENKO	PF	8- 659	OPT.INSTRUM	28563			11-1911	FLUESSIGK.	58
	HC	8-1937	KRIST.FEHL.	66025		VF	2-2552	OPT.EIG.FK	73640			12-1923	GASE	58
	J	4-1824	FLUESSIGK.	58570		VM	4- 835	KERN-MESSG.	40584		H	5- 488	TEILCH.OPT.	27
		9-1644	FLUESSIGK.	58520	ROMANII	IA	9- 661	KERN-MESSG.	40532			5- 489	TEILCH.OPT.	27
	JD	2-1632	KRISTALLE	65540	ROMANO	A	1- 955	STARKE WW.	41764		HJ	8-1110	KERNSPEKTR.	42
	JG	10-1976	KRISTALLE	65576			10- 919	STARKE WW.	41735			8-1124	KERNSPEKTR.	42
	KC	4-1719	PLASMA	57279			10- 982	STARKE WW.	41764			12-1218	KERNSPEKTR.	42
		8- 815	BESCHLEUNIG	41020			11- 788	STARKE WW.	41725		HW	2- 546	OPT.INSTRUM	28
		12-1879	PLASMA	57273			11- 789	STARKE WW.	41725			8- 670	OPT.INSTRUM	28
	LM	1-2313	HALBLEITER	71520			11- 827	STARKE WW.	41735		JW	9- 385	WAERME	24
		5-2454	HALBLEITER	71520	ROMANOSVKII MK		2-1462	PLASMA	57266		K	9-2297	HALBLEITER	71
	PS	7-2877	PLANETEN	93640	ROMANOV	AA	8-2696	GRENZFL.FK	74535		ME	4-1080	KERNSPEKTR.	42
	RN	4-2043	THERMEIG.FK	67510		AM	2-2741	KOSM.STRHLG.	90630			6-1036	KERNREAKTIO	43
		5-2188	FK-SPEKTRUM	73355			4-2735	LUFTHUELLE	90850		MF	2-1819	MECH.EIG.FK	66
	TG	11- 263	ELASTIZIT.	22520			4-2736	LUFTHUELLE	90850			10-2082	MECH.EIG.FK	66
ROGERS JR.	CL	9-2909	PLANETEN	93695		JF	12-1298	KERNSPEKTR.	42575			12-2355	MECH.EIG.FK	66
ROGISTER	A	10-1660	PLASMA	57026		NP	10-1762	GASENTLADG.	57850		PH	10- 802	BESCHLEUNIG	41
ROGOV	VI	11-2267	THERMEIG.FK	67556		VA	1-2350	HALBLEITER	71530			11- 4	BIOGRAPHIEN	10
ROGOZINSKAYA A.A.							3-2465	PHOTOLEITG.	72510		RM	3-2311	SUPRALEITG.	70
		9- 428	ELEKTRIZIT.	26040			10-2130	MECH.EIG.FK	66556			5-2334	SUPRALEITG.	70
ROGSTAD	DH	8-2956	KOSM.PHYSIK	94510		VP	7-1689	FLUESSIGK.	58520			11-2620	SUPRALEITG.	70
		9-2998	KOSM.PHYSIK	94565		VS	5-1166	KERNREAKTIO	43066			11-2627	SUPRALEITG.	70
		11- 504	OPT.INSTRUM	28545		YA	4-2261	LEITFHOK.FK	70072			12-2698	SUPRALEITG.	70
ROHATGI	YK	10-1727	PLASMA	57203			12-1332	KERNREAKTIO	43040		TL	2- 368	THERMODYN.	24
ROHDE	HJ	7-2384	PHOTOLEITG.	72510		YI	4- 874	ELEMENTART.	41543		WB	1-1506	FLUESSIGK.	58
	M	4- 886	ELEMENTART.	41546			11- 701	ELEMENTART.	41543		WK	8-2938	STERNE	94
		4- 897	ELEMENTART.	41563			12- 947	ELEMENTART.	41550		ROSE INNES	7-2284	SUPRALEITG.	70
		8- 902	ELEMENTART.	41574	ROMANOVSKII MK		6-1496	PLASMA	57055			11-2624	SUPRALEITG.	70
		11- 742	ELEMENTART.	41574		VR	4- 119	MESSEN	12230		ROSEAU	4- 739	PHYS.OPTIK	29
		11- 884	STARKE WW.	41764	ROMANOVSKY VA		4-1332	KERNSTRHLG.	44033		ROSEMAN	5- 293	ELASTIZIT.	22
		12- 950	ELEMENTART.	41560	ROMANYUK NA		1-2474	FK-SPEKTRUM	73325		ROSEN	7-1120	KERNSPEKTR.	42
	RW	10-2112	MECH.EIG.FK	66550	ROMASHINA TY		6-2403	METAL.LEITG	71010			4- 276	QU.FELDTHEO	17
ROHLEDER	JW	12-2845	OPT.EIG.FK	73605	ROMASHKO VP		7-1821	FK-SPEKTRUM	73310			4- 862	ELEMENTART.	41
ROHLENA	K	5-1672	GASENTLADG.	57840	ROMASZEWSKI Z		12-2663	LEITFHOK.FK	70056			5- 337	HYDRODYN.	23
ROHLOFF	F	8- 808	KERN-MESSG.	40584	ROME	JM	9-2923	STERNE	94020			6-2334	LEITFHOK.FK	70
ROHR	G	4-1218	KERNREAKTIO	43044	ROMED	N	6-2607	OPT.EIG.FK	73645			8- 250	QU.FELDTHEO	17
ROHRBACH	C	9- 269	ELASTIZIT.	22510	ROMERO	JL	12- 785	KERN-MESSG.	40518			10- 256	QU.FELDTHEO	17
ROHRER	H	4-2179	MAGN.EIG.FK	69050	ROMICK	BJ	4-2696	GEOMAGNET.	90470			10- 387	HYDRODYN.	23
ROHRLICH	F	3- 198	QU.FELDTHEO	71010			7-2718	GEOMAGNET.	90470			11- 146	QU.FELDTHEO	17
		9- 104	MATH.PHYSIK	16020	ROMO	P	6-1850	KRISTALLE	65582		J	1- 139	QUANTENTHEO	16
		9- 177	QU.FELDTHEO	71010	ROMPE	R	1- 1	ALLGEMEINES	10000			8- 978	STARKE WW.	41
ROHRMAYER	A	11- 643	BESCHLEUNIG	41040			6- 9	BIOGRAPHIEN	10216			10- 837	ELEMENTART.	41
ROHSENOW	WM	7-1665	GASE	58045			10-1764	GASENTLADG.	57870			12- 183	QUANTENTHEO	16
ROI	NA	8- 418	AKUSTIK	23520	RON	A	1-1430	ATOME	52075		L	3-1042	KERNREAKTIO	43
		8-1700	GASENTLADG.	57870			3-2514	FK-SPEKTRUM	73330			4-1970	MECH.EIG.FK	66
ROIPE	IM	10-1694	PLASMA	57055			3-2520	FK-SPEKTRUM	73330		M	6-1029	KERNREAKTIO	43
ROIG	J	1- 676	PHYS.OPTIK	29035			3-2522	FK-SPEKTRUM	73330			9-1906	MECH.EIG.FK	66
		2- 584	PHYS.OPTIK	29035			9-2450	FK-SPEKTRUM	73330			11-2450	MAGN.EIG.FK	69
		2-2576	DUENNE SCHI	74010			11-1546	MOLEKUELE	52536		N	4-2901	KOSM.PHYSIK	94
		4- 735	PHYS.OPTIK	29035		G	12-2032	FLUESSIGK.	58557		S	1-2832	KOSM.PHYSIK	94
		6- 436	MASER,LASER	28060		M	8-2448	FK-SPEKTRUM	73310			4-2699	KOSM.STRHLG.	90
		6-1583	GASENTLADG.	57880	RONAY		8-2044	MECH.EIG.FK	66540		ROSENBAUER	7-2858	SonnenPHYS.	93
		6-1584	GASENTLADG.	57880	RONBEAUX	A	10- 202	QUANTENTHEO	16553		ROSENBAUM	2-1514	GASE	58
		7-1371	ATOME	52085	RONCA	LB	8-2869	PLANETEN	93600			6-1604	GASE	58
		10- 134	MATH.PHYSIK	16040	RONCHI	L	1- 667	PHYS.OPTIK	29020		DM	10- 174	QUANTENTHEO	16
	IL	11-1479	ATOME	52085			3- 495	MASER,LASER	28040			4- 298	STATISTIK	17
ROIKH		12-3173	DUENNE SCHI	74010			3-2931	SEHEN	96614		S	7- 699	PHYS.OPTIK	29
ROINISHVILI NM		11- 911	STARKE WW.	41780			5- 537	MASER,LASER	28040			7- 700	PHYS.OPTIK	29
ROITBERG	MB	12-2506	DIELEKTRIKA	68060			5-2995	SEHEN	96618		ROSENBERG	8-2072	KRIST.FEHL.	66
ROITBURD	AL	11-2036	KRISTALLE	65580			6-3005	SEHEN	96610			12-1935	GASE	58
ROITSIN	AB	11-2924	FK-SPEKTRUM	73355			6-3006	SEHEN	96610		GV	3-2817	LUFTHUELLE	90
		12-2145	KRISTALLE	65545			6-3007	SEHEN	96610			9-2786	LUFTHUELLE	90
ROITSINA	OV	8- 445	WAERME	24026			7-2799	IONOSPHERE	91074		HM	6-2093	GITTERDYN.	67
ROIZIN	NM	11-2768	HALBLEITER	71580	RONCIN	JY	2-2451	FK-SPEKTRUM	73300			8-2099	THERMEIG.FK	67
ROKLENKO	AV	4- 216	QUANTENTHEO	16533			5-2562	FK-SPEKTRUM	73320			10-2182	THERMEIG.FK	67
		8- 208	QUANTENTHEO	16553			7-2415	FK-SPEKTRUM	73320			11-2913	FK-SPEKTRUM	73
ROKNI	M	4-1487	MOLEKUELE	52540			9-2445	FK-SPEKTRUM	73330		J	6-2973	KOSM.PHYSIK	94
ROKOTJAN	VE	10-2895	LUFTHUELLE	90840			12-1608	MOLEKUELE	52524		L	12- 263	QUANTENTHEO	16
ROL	PK	1-1421	ATOME	52065	RONDEAU	A	8-1826	DISP.SYST.	59520			12-1008	STARKE WW.	41
ROLAGEIKO	TV	8-1941	KRIST.FEHL.	66025	RONN	AM	2-1290	MOLEKUELE	52575			2-2098	MAGN.EIG.FK	69
ROLAND	G	7-2828	ASTROPHYSIK	93020			8-1443	MOLEKUELE	52543		M	2-2257	LEITFHOK.FK	70
ROLDAN	R	7- 553	MASER,LASER	28050			10-1599	MOLEKUELE	52585			3-2370	HALBLEITER	71
ROLFE	J	1-2019	DIELEKTRIKA	68020	RONNEBERGER D		8- 424	AKUSTIK	23540			1-2023	DIELEKTRIKA	68
		8-1424	MOLEKUELE	52536	RONNINS	AB	11-1280	KERNREAKTIO	43056		NW	2-2754	LUFTHUELLE	90
ROLFS	C	11-1052	KERNSPEKTR.	42545	RONIN	G	12-1388	KERNREAKTIO	43075		RM	5-2279	MAGN.EIG.FK	69
ROLIK	GP	7- 647	OPT.INSTRUM	28553	RONVEAUX	A	9- 149	QUANTENTHEO	16553		TJ	1-2770	GEOMAGNET.	90
ROLIN	M	12-2207	KRISTALLE	65588			9- 150	QUANTENTHEO	16560		ROSENBERGER D	12- 621	MASER,LASER	28
ROLL	PG	5-2953	KOSM.PHYSIK	94550		HPC	1- 869	STARKE WW.	41730			3-1102	K-REAKTOREN	43
		8- 47	UNTERRICHT	12010	ROOD		5-1090	KERNSPEKTR.	42565		H	11-1364	K-REAKTOREN	43
ROLLAND	C	10-1257	KERNREAKTIO	43054	ROOIJEN VAN JJ		10- 351	ELASTIZIT.	22520			10-2646	FK-SPEKTRUM	73
	P	5-1598	PLASMA	57085	ROORDA	J	4-1650	PLASMA	57250		ROSENBLOOM	4-2291	SUPRALEITG.	70
		5-1614	PLASMA	57070	ROOS	BW	4- 910	ELEMENTART.	41574		ROSENBLUM	8- 656	OPT.INSTRUM	28
		5-1634	PLASMA	57070		CE	1- 815	ELEMENTART.	41546		WM	1-1604	PLASMA	57
ROLLEFSON	AA	7-1209	KERNREAKTIO	43064		M	2- 881	STARKE WW.	41764		ROSENBLUTH MN	2-1378	PLASMA	57
		7-1210	KERNREAKTIO	43064			9- 865	STARKE WW.	41762			2-1464	PLASMA	57
		11-1309	KERNREAKTIO	43064		PG	12-1361	KERNREAKTIO	43058			7-1541	PLASMA	57
ROLLIER	M	2- 789	STARKE WW.	41725	ROOSILD	S	9-2265	HALBLEITER	71510			7-1576	PLASMA	57
		10- 904	STARKE WW.	41725	ROOT	CB	12- 108	LABORTECHN.	12525			9-1480	PLASMA	57
ROLNICK	WB	8- 195	QUANTENTHEO	16523	ROOTARE	HM	2-1555	FLUESSIGK.	58540			12-1786	PLASMA	57
ROLNICK	E	12-1432	K-REAKTOREN	43520	ROOTHAN	CCJ	3-1123	ATOME	52010		ROSENBRUCH K	9- 597	PHYS.OPTIK	29
ROLOV	BN	2-1984	DIELEKTRIKA	68030			5- 16							

HAUER W	4- 294 STATISTIK	17530	ROST E	7-1137 KERNSPEKTR.	42570	ROUSSIS PP	6-1692 FLUESSIGK.	58546
HECK K	1- 712 PHYS.OPTIK	29083		11-1065 KERNSPEKTR.	42545		6-1693 FLUESSIGK.	58546
KILDE CE	8-2929 STERNE	94030	ROSTAS F	6-1529 PLASMA	57206	ROUSSY G	6-1278 MOLEKUELE	52516
MAN I	1-2326 HALBLEITER	17920		4-1451 MOLEKUELE	52543	ROUSTAN JC	1-1436 ATOME	52085
STINGL E	12- 786 KERN-MESSG.	40518	ROSTOKER G	4-2686 GEOMAGNET.	90450		5-1351 MOLEKUELE	52514
STOCK HB	5-2585 FK-SPEKTREN	73330		7-2800 MAGNETOSPH.	91223		6-1245 ATOME	52085
	8-2497 FK-SPEKTREN	73340		7-1615 PLASMA	57263		6-1247 ATOME	52085
	10-2707 OPT.EIG.FK	73620	ROSVOLD HE	12-3486 BIOPHYSIK	96040	ROUSTAND C	5-2662 OPT.EIG.FK	73645
SWEIG RE	5-1798 FLUESSIGK.	58560	ROTA A	6- 562 KERN-MESSG.	40518	ROUTBORT JL	4-2041 GITTERDYN.	67070
	7- 345 HYDRODYNAM.	23070	ROTAHOVA NM	2-2731 GEOMAGNET.	90460		9- 271 ELASTIZIT.	22510
TAL IL	4-2895 KOSM.PHYSIK	94580	ROTBARD G	12-1388 KERNREAKTIO	43075	ROUTE R	5-2088 GITTERDYN.	67060
THAL A	7-2473 FK-SPEKTREN	73355	ROTELLI P	1- 813 ELFMNTART.	41546	ROUX B	2- 290 HYDRODYNAM.	23060
CM	3-1202 MOLEKUELE	52512		3- 839 STARKE WW.	41755		3- 322 HYDRODYNAM.	23060
DM	8-1715 GASE	58050		8- 992 STARKE WW.	41753	D	5-2744 DUENNE SCHI	74065
J	3-2062 FK-SPEKTREN	73355		9- 832 STARKE WW.	41740	F	12-1740 PLASMA	57020
	7-2468 FK-SPEKTREN	73355	ROTENBERG M	8-1353 ATOME	52070	J	1- 408 AKUSTIK	23570
P	6- 155 QU.FELDTHEO	17000	ROTH A	12- 156 VAKUUM	13030		2- 320 AKUSTIK	23570
VINGE VON T.				4- 608 MASER,LASER	28020	P	5- 465 ELEKTRIZIT.	26060
	5-2946 KOSM.PHYSIK	94530		9-2324 HALBLEITER	71570	ROUYERE P	10-1760 GASENTLADG.	57840
WAKS S	9-2442 FK-SPEKTREN	73330		10-1699 PLASMA	57070	ROUZEYRE M	5-2662 OPT.EIG.FK	73645
ZWEIG C	6- 117 QUANTENTHEO	16533	K	7-1783 FLUESSIGK.	58576		9-2350 PHOTOLEITG.	72510
	7- 156 QUANTENTHEO	16533	L	9-2678 GRENZFL.FK	74535		11-2767 HALBLEITER	71580
N	8-1088 KERNSPEKTR.	42500	LM	5-2450 HALBLEITER	71520	ROVERS W	4- 93 UNTERRICHT	12030
	8-1089 KERNSPEKTR.	42500		6-2239 MAGN.EIG.FK	69030	ROVINSKII RE	7- 590 MASER,LASER	28060
EAR AHM	7-2454 FK-SPEKTREN	73340		11-2371 MAGN.EIG.FK	69030		11-1665 PLASMA	57020
HINA GP	9-1646 FLUESSIGK.	58520	M	11-3107 DUENNE SCHI	74050	ROVNER L	7-1375 ATOME	52090
PHUPKIN VY	12- 494 GASE	58000	N	7-1746 FLUESSIGK.	58557	ROW KS	7-1129 KERNSPEKTR.	42565
GA	3- 58 LABORTECHN.	12510	NV	9-1535 PLASMA	57210	ROWAN LC	7-2879 PLANETEN	93640
RR DE DJ	6- 367 TEILCH.OPT.	27040	RF	2- 709 ELEMENTART.	41546	LG	9-2482 FK-SPEKTREN	73355
S	7- 602 OPT.INSTRUM	28520		8- 861 ELEMENTART.	41546	ROWAN ROBINSON M.		
J	8-2789 LUFTHUELLE	90895	S	3-1920 GITTERDYN.	67020		5-2958 KOSM.PHYSIK	94550
W	5-2482 HALBLEITER	71540		11-1390 KERNSTRHLG.	44035	ROWE C	5-2810 KOSM.STRLG.	90610
SKII SE	8-1648 PLASMA	57085	ROTHARDT L	6-1551 PLASMA	57253	DJ	4-1071 KERNSTRUKT.	42075
ES R	9- 158 QUANTENTHEO	16578	ROTHBERG JE	7-1482 MOLEKUELE	52590		4-1072 KERNSTRUKT.	42075
	9- 159 QUANTENTHEO	16578		9- 771 ELEMENTART.	41574		6- 874 KERNSTRUKT.	42020
LODKO VG	9-2591 OPT.EIG.FK	73635		10- 872 ELEMENTART.	41574		6- 886 KERNSTRUKT.	42060
RR	10- 846 ELEMENTART.	41560	ROTHE EW	4-1411 ATOME	52065		9- 905 KERNSTRUKT.	42070
V	11-2419 MAGN.EIG.FK	69040	HJ	2- 133 QUANTENTHEO	16582	EGP	11- 93 QUANTENTHEO	16526
RS	7- 347 HYDRODYNAM.	23070		10- 983 STARKE WW.	41764	JE	11-2857 FK-SPEKTREN	73325
B	1-1073 KERNSPEKTR.	42545		10- 984 STARKE WW.	41764		12-2634 LEITFHGK.FK	70028
	6-1091 KERNREAKTIO	43075		11- 702 ELEMENTART.	41546	JM	1-1957 GITTERDYN.	67020
	7-1072 KERNREAKTIO	42545	JP	2- 664 KERN-MESSG.	40582		6-2074 GITTERDYN.	67010
	9-1072 KERNREAKTIO	43075	KW	1- 873 STARKE WW.	41740	MW	6-2892 PLANETEN	93630
	10-1119 KERNREAKTIO	42555		5- 907 STARKE WW.	41740	SH	5-2752 GRENZFL.FK	74520
	10-1300 KERNREAKTIO	43075	W	7-2975 STRAHL.BIOL	97010	TA	11-2038 KRISTALLE	65582
DE	12-1384 KERNREAKTIO	43075	ROTHEN F	3-2285 SUPRALEITG.	70510	DM	7-2022 MECH.EIG.FK	66550
JL	2-1292 MOLEKUELE	52575	ROTHENSTEIN BF	3-2166 MAGN.EIG.FK	69070	JM	8-2415 HALBLEITER	71570
R	4- 268 QU.FELDTHEO	17020		3-2180 MAGN.EIG.FK	69080	PM	2-2064 FK-SPEKTREN	73360
RD	8-1154 KERNSPEKTR.	42560		7-2611 DUENNE SCHI	74050	FS	11-1592 MOLEKUELE	52575
	9- 576 OPT.INSTRUM	28553	ROTHER M	5-1766 FLUESSIGK.	58540		12-1685 MOLEKUELE	52575
	9- 633 PHYS.OPTIK	29088	ROTHERHAM L	5-1565 PLASMA	57053	PR	12- 850 KERN-MESSG.	40580
Y DE G	4- 778 KERN-MESSG.	40505	ROTHFUS RR	9- 383 WAERME	24060	TJ	5-1949 KRIST.FEHL.	66020
	5- 975 STARKE WW.	41764	ROTHKIRCH L	10-2456 HALBLEITER	71500	O	10-2478 HALBLEITER	71540
LOVSKII VY	11-1547 MOLEKUELE	52536	ROTHLEITNER J	5- 978 STARKE WW.	41767	WRC	9- 523 MASER,LASER	28055
	12-1627 MOLEKUELE	52536		12-1060 STARKE WW.	41750	JS	3- 367 THERMODYN.	24520
MMWORTH DR	1-2486 FK-SPEKTREN	73330	ROTHMAN AB	5-1219 KERNSTRHLG.	44010	B	6-2853 ASTROPHYSIK	93020
DK	10- 871 ELEMENTART.	41574	CP	1-1623 PLASMA	57075	IW	5-2889 SONNENPHYS.	93300
GG	11- 806 STARKE WW.	41730	H	3-2634 DUENNE SCHI	74040		6-2945 KOSM.PHYSIK	94520
HH	10- 828 KERN-MESSG.	40500	MA	1-1690 PLASMA	57263		10-3032 STERNE	94000
HP	8-2898 PLANETEN	93640		7-1596 PLASMA	57216	A	1- 391 HYDRODYNAM.	23070
J	3- 150 QUANTENTHEO	16553		10-1743 PLASMA	57263		11-3217 ERDKOERPER	90210
	3-1279 MOLEKUELE	52575	SJ	6-1884 KRIST.FEHL.	66020	AN	8-1711 GASE	58025
	3-1280 MOLEKUELE	52575	ROTHROCK LR	11- 482 MASER,LASER	28060	AP	3-1912 GITTERDYN.	67020
	6-1343 MOLEKUELE	52575	A	2-2270 SUPRALEITG.	70520	CL	2-2180 LEITFHGK.FK	70010
	11-3356 SONNENPHYS.	93310	F	6-2359 SUPRALEITG.	70510	DP	5- 923 STARKE WW.	41745
JA	1-1640 PLASMA	57060		4- 519 ELEKTRIZIT.	26030	G	12-1104 STARKE WW.	41764
JB	1-1975 GITTERDYN.	67060		5- 615 OPT.INSTRUM	28530		7-1216 KERNREAKTIO	43064
JH	3- 60 LABORTECHN.	12510		12-2714 SUPRALEITG.	70530		12- 813 KERN-MESSG.	40527
JW	8-2213 MAGN.EIG.FK	69065	ROTHWELL P	8-2821 MAGNETOSPH.	91230	JC	12-1369 KERNREAKTIO	43064
M	2- 860 STARKE WW.	41760	WS	12-1970 FLUESSIGK.	58530		12-1365 DUENNE SCHI	74010
	3- 172 QUANTENTHEO	16578	ROTSSTEIN A	1- 880 STARKE WW.	41740	JS	4-1765 HYDRODYNAM.	23020
	4-1739 GASE	58010	ROTTA JC	1- 356 HYDRODYNAM.	23040		9- 286 HYDRODYNAM.	23020
	9- 510 MASER,LASER	28045	ROTTENBOURG P	6- 324 ELEKTRIZIT.	26012	M	3-1044 KERNREAKTIO	43052
PR	9-1616 GASE	58010	ROTTSCHEAFER S	3-1316 POLYMERE	53544		10-1250 KERNREAKTIO	43052
R	2-1044 KERNREAKTIO	43050	ROTURIER J	1-1203 KERNREAKTIO	43044	N	6- 288 AKUSTIK	23550
RF	10- 416 AKUSTIK	23560		10-1137 KERNPEKTR.	42560	NC	10-1011 STARKE WW.	41790
RG	3-1722 KRIST.FEHL.	66010	ROUAULT M	5-1491 MOLEKUELE	52576	P	6- 772 STARKE WW.	41730
RT	6-1698 FLUESSIGK.	58550		6-1246 ATOME	52085		11-1197 KERNREAKTIO	43022
RW	4- 481 THERMODYN.	24500	ROUBAUD S	5-1839 FLUESSIGK.	58576	R	12- 935 ELEMENTART.	41546
S	7-2719 KOSM.STRLG.	90610	ROUBEAU P	1- 798 BESCHLEUNIG	41020		12- 988 STARKE WW.	41710
	11-3485 HOEREN	96310		1- 759 BESCHLEUNIG	41020		5-2136 THERMEIG.FK	67556
	11-3489 HOEREN	96310		5- 87 LABORTECHN.	12530	RR	7-2103 THERMEIG.FK	67553
TK	5-1770 FLUESSIGK.	58540	PM	3- 74 LABORTECHN.	12530		5- 32 BUECHER	11010
W	1- 670 PHYS.OPTIK	29030	ROUBINE E	4- 39 TAGUNGEN	10535	RS	9-1281 MOLEKUELE	52514
	9- 601 PHYS.OPTIK	29030		9- 604 PHYS.OPTIK	29035		12-1589 MOLEKUELE	52512
WJ	5-2837 IONOSPHAERE	91020	ROUCH J	5- 691 PHYS.OPTIK	29045	SM	4- 231 QUANTENTHEO	16578
J	2- 650 KERN-MESSG.	40520	ROUDIER R	8- 439 WAERME	24020		12- 991 STARKE WW.	41710
	6-1046 KERNREAKTIO	43042	ROUEFF E	2-1148 ATOME	52010	SR	1- 489 ELEKTRODYN.	26930
R	6-2589 OPT.EIG.FK	73635	ROUGE A	11- 888 STARKE WW.	41764		8-1359 ATOME	52070
G	12- 775 KERN-MESSG.	40512	ROUGNY R	1-1084 KERNSPEKTR.	42550	ROY LE A	1-2494 FK-SPEKTREN	73330
J	1-2156 MAGN.EIG.FK	69065		7-1095 KERNSPEKTR.	42550		6-2542 FK-SPEKTREN	73330
SETTI C	1-1471 MOLEKUELE	52536		7-1130 KERNSPEKTR.	42565	DJ	11-1528 MOLEKUELE	52524
	2- 156 QU.FELDTHEO	17010		10-1113 KERNSPEKTR.	42550	L	2-1560 FLUESSIGK.	58540
	2-1256 MOLEKUELE	52536		10-1114 KERNSPEKTR.	42550	P	2- 250 HYDRODYNAM.	23015
	5- 855 STARKE WW.	41700	ROUGOOR GW	8-2956 KOSM.PHYSIK	94510		2-1337 POLYMERE	53542
	5-1406 MOLEKUELE	52536	ROUHANEJAD H	1-1058 KERNSPEKTR.	42540	ROYCE BSH	7-1957 KRIST.FEHL.	66070
	5-1456 MOLEKUELE	52560	ROUILLON A	9- 49 MESSEN	12200	EB	7-2349 HALBLEITER	71563
SI AM	11- 888 STARKE WW.	41764	ROULET B	11-1404 ATOME	52010		7-2205 LEITFHGK.FK	70024
G	2-1128 KERNSTRHLG.	44010	ROULT G	1-1830 FK-SPEKTREN	73310		11-2514 MAGN.EIG.FK	69070
	3- 205 QU.FELDTHEO	17020	ROULT V	9- 69 LABORTECHN.	12530	ROYEN VAN R	2- 868 STARKE WW.	41760
JA	7-2390 PHOTOLEITG.	72510	ROUNSAVILLE JF	11-2853 FK-SPEKTREN	73325	RP	1- 809 ELEMENTART.	41546
	11- 454 MASER,LASER	28050	ROURKE TA	4- 207 QUANTENTHEO	16530		3- 847 STARKE WW.	41764
RC	10-2084 MECH.EIG.FK	66514	ROUSE CA	1- 159 QUANTENTHEO	16530	ROYER D	4-1231 KERNREAKTIO	43050
	4-2306 SUPRALEITG.	70550		5-1533 PLASMA	57017		10-1272 KERNREAKTIO	43056
SIKHIN VS	5-2178 FK-SPEKTREN	73370		12- 740 PHYS.OPTIK	29050	H	12- 705 OPT.INSTRUM	28570
SING T	11-1829 GASENTLADG.	57850	ROUSSEAU A	10-2139 GITTERDYN.	67020	JC	10-1242 KERNREAKTIO	43048
TD	12-3016 FK-SPEKTREN	73360		1- 493 ELEKTRODYN.	26540	II	11- 771 STARKE WW.	41700
FA	5-2207 FK-SPEKTREN	73360	DL	12-2931 FK-SPEKTREN	73340	AO	7- 590 MASER,LASER	28060
SINI F	6-1710 FLUESSIGK.	58557	J	1-2785 ASTROPHYSIK	93020	NA	1- 476 ELEKTRIZIT.	26060
SOV E	6- 589 KERN-MESSG.	40535	M	1- 642 OPT.INSTRUM	28566	NN	1- 592 MASER,LASER	28055
VJ	7- 610 OPT.INSTRUM	28530		11- 534 PHYS.OPTIK	29010		5- 584 MASER,LASER	28045
L	3-1373 PLASMA	57050	ROUSSEL J	8- 148 VAKUUM	13020	OK	6- 392 MASER,LASER	28035
	1- 861 STARKE WW.	41725	P	8-1233 KERNREAKTIO	43080		9- 332 HYDRODYNAM.	23060
SUM VAN L	9- 799 STARKE WW.	41700		10-1305 KERNREAKTIO	43080	AM	10-1020 KERNSTRUKT.	42010
	9- 827 STARKE WW.	41740	ROUSSET A	5- 691 PHYS.OPTIK	29045	IN	9- 962 KERNSPEKTR.	42555

ROZE	EM	9-2716	GEOMAGNET.	90430	RUDAKOV	LI	6-1471	PLASMA	57055	RUKOSUEVA	AV	11-1430	ATOME	52
ROZELOT	JP	6-2875	SONNENPHYS.	93328			6-1481	PLASMA	57060	RULAND	W	4-1890	KRISTALLE	63
ROZEN	AA	12-3172	DUEENNE SCHI	74010			9-1570	PLASMA	57266	RULEVA	VP	9-1948	MECH.EIG.FK	66
ROZENBAUM	LB	6-2266	MAGN.EIG.FK	69045			11-1730	PLASMA	57055	RULF	B	8- 703	PHYS.OPTIK	29
ROZENBERG	GV	6- 528	PHYS.OPTIK	29063		VM	6-2163	DIELEKTRIKA	68020			9- 112	MATH.PHYSIK	16
		7- 691	PHYS.OPTIK	29040		VP	2-1081	KERNREAKTIO	43080	RULIKOWSKA	E	12- 844	KERN-MESSG.	40
ROZENFELD	YB	1-2473	FK-SPEKTREN	73325			10-1304	KERNREAKTIO	43075	RUMIN	N	2-1880	GITTERDYN.	67
ROZENSHTEIN	LD	10- 480	ELEKTRIZIT.	26060		VS	5- 696	PHYS.OPTIK	29050	RUMMENS	FHA	12-2015	FLUESSIGK.	58
ROZENTAL	AI	3-2254	LEITFHGK.FK	70060			12-2889	FK-SPEKTREN	73325	RUMMERT	H	12- 380	MECHANIK	22
	IL	11- 925	STARKE WW.	41783	RUDASHEVSKII	E.G.	6-1823	KRISTALLE	65545	RUMPF	F	6- 711	ELEMENTART.	41
ROZETT	RW	10-1586	MOLEKUELE	52575			8-1746	FLUESSIGK.	58525		N	2-1549	FLUESSIGK.	58
ROZGONYI	GA	2-2588	DUEENNE SCHI	74020	RUDAVSKII	EY	1-1938	MECH.EIG.FK	66545	RUMSH	MA	1- 727	KERN-MESSG.	40
		7-1932	KRIST.FEHL.	66040	RUDCHENKO	VV	12-1544	ATOME	52065			2-2681	GRENZFL.FK	74
		9- 86	VAKUUM	13020	RUDD	WG	9- 397	THERMODYN.	24510	RUMYANTSEV	AA	12-2294	KRIST.FEHL.	66
ROZHANSKII	VM	2-1781	KRIST.FEHL.	66035			11-2229	THERMEIG.FK	67510		BM	7-2552	OPT.EIG.FK	73
		3-1744	KRIST.FEHL.	66015	RUDDEROW	WH	7-1533	PLASMA	57023			9-2584	OPT.EIG.FK	73
		3-1805	KRIST.FEHL.	66035	RUDRICK	K	2- 803	STARKE WW.	41740		OY	12- 810	KERN-MESSG.	40
		5-1979	KRIST.FEHL.	66035			6- 786	STARKE WW.	41740		VV	10-2056	KRIST.FEHL.	66
		5-2040	MECH.EIG.FK	66545			9- 812	STARKE WW.	41725	RUN VAN	AMJ	2-2320	HALBLEITER	71
ROZHANSKY	VA	10- 617	MASER, LASER	28060			11- 831	STARKE WW.	41740			11-2413	MAGN.EIG.FK	69
ROZHDESTVENSKEYA	M.V.				RUDDY	VP	3-1642	KRISTALLE	65545	RUND	H	10- 129	MATH.PHYSIK	16
		8-2134	DIELEKTRIKA	68020	RUDEE	ML	8-1991	KRIST.FEHL.	66065	RUNDEL	RD	12-1694	MOLEKUELE	52
ROZHDESTVENSII	V.V.				RUDENKO	AG	12-2009	FLUESSIGK.	58546	RUNDLE	HN	4- 25	BIOGRAPHIEN	10
		1-1672	PLASMA	57206		NP	11-1102	KERNSEKTR.	42555			7-2736	LUFTHUELLE	90
		5-2511	HALBLEITER	71590		NS	8-1763	FLUESSIGK.	58540	RUNDQUIST	DE	11-1318	KERNREAKTIO	43
		8-1588	PLASMA	57033			11- 611	KERN-MESSG.	40560			11-1319	KERNREAKTIO	43
		8-1664	PLASMA	57206		VI	7- 316	HYDRODYNAM.	23015	RUNGE	I	4- 786	KERN-MESSG.	40
ROZHKOY	SE	12-2037	FLUESSIGK.	58560			11-2832	FK-SPEKTREN	73315		K	3- 988	KERNSEKTR.	42
ROZIN	YP	1- 354	HYDRODYNAM.	23030	RUDER	H	7- 119	MATH.PHYSIK	16000	RUNNELS	LK	9-2019	THERMEIG.FK	67
ROZING	JTM	5- 460	ELEKTRIZIT.	26016			10- 195	QUANTENTHEO	16533			10- 264	STATISTIK	17
ROZKOS	M	3-1063	KERNREAKTIO	43056	RUDERMAN	MA	1-2823	STERNE	94060		VV	10- 736	KERN-MESSG.	40
ROZMAN	GA	11-2090	KRIST.FEHL.	66025			8-2917	STERNE	94000	RUNOV	VP	7- 332	HYDRODYNAM.	23
	IM	9-2586	OPT.EIG.FK	73630	RUDGE	MRH	7-1353	ATOME	52070	RUNSTADLER	PW	1-2598	DUEENNE SCHI	74
		12-1667	MOLEKUELE	52560			9- 160	QUANTENTHEO	16578	RUNYAN	WR	1-2598	DUEENNE SCHI	74
		12-2873	FK-SPEKTREN	73320			10-1444	ATOME	52065	RUOFF	A	12-1596	MOLEKUELE	52
ROZNER	AG	6-2105	THERMEIG.FK	67510	RUDIN	H	1-1239	KERNREAKTIO	43062		AL	2-1938	THERMEIG.FK	67
ROZOV	IA	10-2184	THERMEIG.FK	67520		VL	4-1554	GASE	58060			3-1884	MECH.EIG.FK	66
	SI	6-1548	PLASMA	57250			9- 575	OPT.INSTRUM	28550			4-1993	MECH.EIG.FK	66
ROZOYA	MN	2-1967	DIELEKTRIKA	68020			11- 509	OPT.INSTRUM	28550			5-2048	MECH.EIG.FK	66
ROZSNYAI	BF	9-1381	MOLEKUELE	52580	RUDKJOBING	M	12- 364	FELDTHEORIE	18048			7-2000	MECH.EIG.FK	66
ROZUM	YS	12-1634	MOLEKUELE	52538	RUDKO	RI	6- 389	MASER, LASER	28055			7-2006	MECH.EIG.FK	66
ROZUMNYUK	VT	8-2422	HALBLEITER	71580		SN	7-2249	LEITFHGK.FK	70078			8-2067	GITTERDYN.	67
ROZWADOWSKI	M	8-1334	ATOME	52045	RUDKOVSKII	KF	12-3213	DUEENNE SCHI	74060			9-1941	MECH.EIG.FK	66
RUAN GEN	JZ	4-1130	KERNSEKTR.	42560	RUDNEV	AS	6- 993	KERNSEKTR.	42565	RUPAAL	AS	8- 86	UNTERRICHT	12
RUBAN	MA	8-2562	FK-SPEKTREN	73375		AV	2-2199	LEITFHGK.FK	70024	RUPIN	JM	6-1172	ATOME	52
	VA	4-1664	PLASMA	57070		NI	8- 534	TEILCH.OPT.	27058	RUPP	R	12- 126	LABORTECHN.	12
	YV	12-3169	DUEENNE SCHI	74010		VS	4-1108	KERNSEKTR.	42550	RUPPE	HO	4-2846	PLANETEN	93
RUBANOV	AS	10- 580	MASER, LASER	28045			6-1076	KERNREAKTIO	43056		HM	5-1230	KERNSTRHLG.	44
RUBANOVA	GM	11- 341	WAERME	24095	RUDNEVA	NM	4-2732	LUFTHUELLE	90840		W	2-2437	PHOTOLEITG.	72
		11-1904	FLUESSIGK.	58530			4-2794	MAGNETOSPH.	91220	RUPPERSBERG	AH	6-1641	FLUESSIGK.	58
RUBBERT	PE	1- 323	HYDRODYNAM.	23020			6-2844	MAGNETOSPH.	91220		H	1-1732	FLUESSIGK.	58
RUBBINO	A	5-1140	KERNREAKTIO	43044	RUDNEVSKII	NK	12-1889	GASENTLADG.	57810	RUPPRECHT	H	3-2584	OPT.EIG.FK	73
		10-1301	KERNREAKTIO	43075	RUDNICK	I	3-1548	FLUESSIGK.	58527			10- 588	MASER, LASER	28
RUBENFELD	LA	11- 285	HYDRODYNAM.	23020		SJ	10-2149	GITTERDYN.	67060	RUSAKOV	VA	11- 722	ELEMENTART.	41
RUBENSTEIN	M	4-2416	FK-SPEKTREN	73325			1- 734	KERN-MESSG.	40540	RUSANOV	AI	5- 323	HYDRODYNAM.	23
		11-1964	KRISTALLE	65510	RUDNITSKII	EM	4- 163	VAKUUM	13025		IB	11-1881	FLUESSIGK.	58
RUBET	L	8- 147	VAKUUM	13020			6-1564	GASENTLADG.	57810			2-2511	OPT.EIG.FK	73
RUBIN	H	6-1682	FLUESSIGK.	58540	RUDOI	YG	7-2148	MAGN.EIG.FK	69025	RUSBRIDGE	MG	9-1495	PLASMA	570
	HA	4- 954	STARKE WW.	41740	RUDOLFI	AT	9-1316	MOLEKUELE	52538	RUSCH	WT	4-1668	PLASMA	570
	JJ	3-2593	OPT.EIG.FK	73625	RUDOLPH	F	1- 726	KERN-MESSG.	40518	RUSCIO	JT	2- 465	MASER, LASER	28
		5-2619	FK-SPEKTREN	73380		HD	7-1426	MOLEKUELE	52538	RUSCTOR	C	5-2730	DUEENNE SCHI	74
		5-2672	OPT.EIG.FK	73625			10-1556	MOLEKUELE	52543	RUSCOE	Y	1- 528	HF-TECHNIK	27
		6-2596	OPT.EIG.FK	73620			10-1567	MOLEKUELE	52560	RUSH	AA	2-1052	KERNREAKTIO	43
		8-2586	OPT.EIG.FK	73620			12-1656	MOLEKUELE	52560			5-1155	KERNREAKTIO	43
	K	6-1239	ATOME	52070	RUDYAK	VM	2-1988	DIELEKTRIKA	68030			5-1156	KERNREAKTIO	43
	M	2- 142	QUANTENTHEO	16588			8-2010	KRIST.FEHL.	66073		CM	10-2929	IONOSPHERE	91
	MH	6- 135	QUANTENTHEO	16578			8-2140	DIELEKTRIKA	68030		S	12-3485	BIOPHYSIK	96
		6- 136	QUANTENTHEO	16578			12-2494	DIELEKTRIKA	68030	RUSHBROOKE	GS	3-1538	FLUESSIGK.	58
	NB	7- 254	FELDTHEORIE	18000	RUDYAVSKAYA	IG	1-2498	FK-SPEKTREN	73330			3-2100	MAGN.EIG.FK	69
	PL	7-1502	PLASMA	57010	RUDZIKAS	ZB	2- 90	QUANTENTHEO	16516			6-1648	FLUESSIGK.	58
		8- 602	MASER, LASER	28055	RUECKER	F	1- 526	HF-TECHNIK	27530		JG	7-2138	MAGN.EIG.FK	69
	R	6-2084	GITTERDYN.	67020	RUEDENBERG	K	6-1261	MOLEKUELE	52510			3- 863	STARKE WW.	41
RUBINOV	AN	2- 482	MASER, LASER	28045	RUEGG	FC	3-1658	FK-SPEKTREN	73310	RUSIA	KC	12- 533	ELEKTRODYN.	26
		8- 609	MASER, LASER	28060		H	11- 866	STARKE WW.	41753	RUSIN	FS	12-3021	FK-SPEKTREN	73
		8- 612	MASER, LASER	28060	RUEHENBECK	C	4-1911	KRIST.FEHL.	66025	RUSKAI	MB	11- 214	STATISTIK	17
		10- 581	MASER, LASER	28045	RUEHL	W	2- 844	STARKE WW.	41753	RUSKINA	GY	4-1026	STARKE WW.	41
	VM	10-2520	PHOTOLEITG.	72510			4- 259	QU.FELDTHEO	17010			6- 860	STARKE WW.	41
RUBINS	RS	8-2520	FK-SPEKTREN	73355			6- 92	QUANTENTHEO	16516	RUSNAK	RM	11-2197	MECH.EIG.FK	66
		12-2956	FK-SPEKTREN	73355			11- 676	ELEMENTART.	41510	RUSOV	GI	2-2062	FK-SPEKTREN	73
RUBINSSTEIN	BE	2-2061	FK-SPEKTREN	73360	RUEHLE	M	6-1935	KRIST.FEHL.	66035			8-2547	FK-SPEKTREN	73
		4-2174	MAGN.EIG.FK	69045			7- 470	TEILCH.OPT.	27040			11-3142	DUEENNE SCHI	74
RUBINSTEIN	HR	2- 134	QUANTENTHEO	16582		RA	4- 480	WAERME	24095	RUSOVA	SG	11-3142	DUEENNE SCHI	74
		3- 782	STARKE WW.	41710	RUELLE	D	1- 226	STATISTIK	17520	RUSS	J	8- 861	ELEMENTART.	41
		4- 988	STARKE WW.	41760			7- 232	STATISTIK	17526		MJ	6-2608	OPT.EIG.FK	73
		6- 804	STARKE WW.	41755			10-2193	THERMEIG.FK	67550	RUSSEK	A	10-1437	ATOME	52
		10- 830	ELEMENTART.	41540			2-2120	MAGN.EIG.FK	69045			10-1573	MOLEKUELE	52
		12- 977	ELEMENTART.	41580	RUEPKE	HD	2-2120	MAGN.EIG.FK	69045	RUSSELL	AW	1-2422	THERMOELEKT	72
		12-1085	STARKE WW.	41755	RUEPPEL	H	3- 385	THERMODYN.	24554		CT	4-2802	MAGNETOSPH.	91
	M	1-2858	HOEREN	96310	RUES	D	10-1680	PLASMA	57050		DC	5-1843	DISP.SYST.	59
		11-2901	FK-SPEKTREN	73345			10-1770	GASE	58025		FM	3- 733	ELEMENTART.	41
		11-2965	FK-SPEKTREN	73370	RUFENACH	CL	11-3307	IONOSPHERE	91020			5-1231	KERNSTRHLG.	44
	R	2- 785	STARKE WW.	41725	RUFF	PW	10- 26	BIOGRAPHIEN	10216			7- 790	KERN-MESSG.	40
		9- 805	STARKE WW.	41725	RUFF JR.	AW	6-1946	KRIST.FEHL.	66035		JC	10-1897	FLUESSIGK.	58
RUBIO	J	8-2230	LEITFHGK.FK	70010	RUFFA	AR	2-2157	MAGN.EIG.FK	69065		JJ	5- 839	ELEMENTART.	41
		10-1916	KRISTALLE	65530			6-1836	KRISTALLE	65572			6- 722	ELEMENTART.	41
RUBTSOV	VI	3-2744	KOSM.STRLG.	90630	RUFFINE	RS	3-2876	PLANETEN	93640			12- 959	ELEMENTART.	41
RUBTSOVA	RA	10-2781	DUEENNE SCHI	74040	RUGG	DE	4-2781	IONOSPHERE	91072		KC			

RUSTAD - SAHNI

BM	6- 827	STARKE WW.	41767	RYTOVA	NS	1-2587	DUENNE SCHI	74000	SACHKOV	VI	6- 325	ELEKTRIZIT.	26014
PG	8-2576	OPT.EIG.FK	73605			1-2620	DUENNE SCHI	74040			11- 362	ELEKTRIZIT.	26014
KC	6-1863	KRISTALLE	65588	RYU	N	8-1063	KERNSTRUKT.	42010	SACHPARONOV	MI	4-1754	FLUESSIGK.	58510
ML	3- 915	KERNSPEKTR.	42535			8-1067	KERNSTRUKT.	42010	SACHS	A	1-2236	LEITFHGK.FK	70072
	9-1004	KERNREAKTIO	43020			9- 642	KERN-MESSG.	40505		AM	4- 97	UNTERRICHT	12040
	10-1017	KERNSTRUKT.	42010	RYUTOV	DA	12-1869	PLASMA	57250		HG	10-3126	BIOPHYSIK	96000
HELLI F	7-1251	K-REAKTOREN	43510		DD	1-1531	PLASMA	57030		M	8- 279	QU.FELDTHEO	17050
FG	3-1464	PLASMA	57279			4-1683	PLASMA	57090			9-1013	KERNREAKTIO	43032
IZER YS	1- 749	KERN-MESSG.	40570			7-1630	GASENTLADG.	57840			12- 367	FELDTHEORIE	18050
RD T K	10- 4	BIOGRAPHIEN	10212	RYVES	TB	2-1127	KERNSTRHLG.	44010		MW	3-1086	KERNREAKTIO	43080
RFORD J	5- 844	ELEMENTART.	41576	RYVKIN	SM	1-2437	FK-SPEKTREN	73325			5-1179	KERNREAKTIO	43085
RFORD JA	2-2764	IONOSPHERE	91020			1-2651	GRENZFL.FK	74540	SACHSE	G	3-1102	K-REAKTOREN	43560
	10-2886	LUFTHUELLE	90820			3-1839	KRIST.FEHL.	66065			11-1364	K-REAKTOREN	43560
	3-1109	KERNSTRHLG.	44030			3-1847	KRIST.FEHL.	66070	SACK	HS	3-1960	GITTERDYN.	67070
	12-1704	POLYMERE	53510			3-2008	DIELEKTRIKA	68020			4-2041	GITTERDYN.	67070
PH	3-1382	PLASMA	57055			4- 814	KERN-MESSG.	40540			12- 9	BIOGRAPHIEN	10215
	11-1722	PLASMA	57055			4-2347	HALBLEITER	71540			12-2406	GITTERDYN.	67060
	12-1777	PLASMA	57055			4-2350	HALBLEITER	71540		RA	3-1123	ATOME	52010
WM	7- 805	KERN-MESSG.	40580			4-2406	PHOTOLEITG.	72510			8- 159	MATH.PHYSIK	16020
	11-1854	GASE	58025			5-2524	PHOTOLEITG.	72500	SACKFIELD	A	12- 347	FELDTHEORIE	18042
RGLEN JG	2- 739	ELEMENTART.	41570			5-2525	PHOTOLEITG.	72500	SACKLOWSKI	U	11-1681	PLASMA	57033
YSKII FK	1- 702	PHYS.OPTIK	29063			6- 569	KERN-MESSG.	40518	SACKMAN	JL	11- 267	ELASTIZIT.	22530
	10- 582	MASER,LASER	28045			6-2068	MECH.EIG.FK	66556	SACTON	J	2- 891	STARKE WW.	41790
	8- 476	THERMODYN.	24530			6-2561	FK-SPEKTREN	73380			8-1051	STARKE WW.	41790
HER E	2-1481	GASENTLADG.	57850			8- 763	KERN-MESSG.	40520			8-1053	STARKE WW.	41790
	3-1482	GASENTLADG.	57850			9-2358	PHOTOLEITG.	72510			10-1011	STARKE WW.	41790
	6-1514	PLASMA	57093			10-2609	FK-SPEKTREN	73340			11- 929	STARKE WW.	41790
WN VAN F	9-1731	FLUESSIGK.	58510	RYZHANOV	SG	11-1644	POLYMERE	53546	SADAGOPAN	V	5-2278	MAGN.EIG.FK	69060
ANEN PV	5- 967	STARKE WW.	41764			7-2226	LEITFHGK.FK	70053	SADANAGA	R	9-1795	KRISTALLE	65572
DS J	2-2238	LEITFHGK.FK	70065	RYZHENKOV	AP	12-2439	THERMEIG.FK	67530	SADDY	J	5-2009	KRIST.FEHL.	66076
AC A	12-3248	GRENZFL.FK	74535	RYZHEVSKII	AG	8- 491	ELEKTRIZIT.	26012	SADEH	D	3- 670	KERN-MESSG.	40518
SSKII MA	2-2254	LEITFHGK.FK	70053	RYZHII	VI	10-2780	DUENNE SCHI	74040	SADKOVSKI	WS	12-1230	KERNSPEKTR.	42545
DE A	4-1572	POLYMERE	53540	RYZHIKOV	IV	1-2383	HALBLEITER	71570	SADOFF	A	8- 903	ELEMENTART.	41574
WN VAN LJ	5- 57	UNTERRICHT	12055			1-2416	HALBLEITER	71570	SADOKHIN	IP	11-1225	KERNREAKTIO	43044
KOVA TOPOLOVA B.						10-2731	OPT.EIG.FK	73645	SADOULET	B	1- 886	STARKE WW.	41745
	2-2830	Sonnenphys.	93324			12-2795	HALBLEITER	71540	SADOVNIKOV	VN	4- 821	KERN-MESSG.	40560
EEV AL	10-2813	GRENZFL.FK	74540	RYZHKINA	TE	12-1895	GASENTLADG.	57840	SADOWSKI	M	5-1646	PLASMA	57266
YOV AL	6-2411	HALBLEITER	71510	RYZHKO	VN	7-1599	PLASMA	57235	SADULLAEV	BL	12-1261	MOLEKUELE	52538
HENKO SM	1-2069	FK-SPEKTREN	73355	RYZHOV	OS	8- 383	HYDRODYNAM.	23020	SADYKOV	BS	12- 475	WAERME	24020
	7-2487	FK-SPEKTREN	73355		YA	2-1184	ATOME	52060		EK	12-3084	FK-SPEKTREN	73370
MIN AG	10-1679	PLASMA	57045	RZAEV	KI	9-1752	KRISTALLE	65518	SADYKOVA	AA	3-2566	OPT.EIG.FK	73635
VP	11- 567	PHYS.OPTIK	29086			11-2222	GITTERDYN.	67060	SADZIUWIENE S.		8-1304	ATOME	52010
YN	11-2185	MECH.EIG.FK	66545	RZANY	H	3-2116	MAGN.EIG.FK	69040	SAEGER	KE	3-2368	METAL.LEITG	71010
YNKIN YS	12-2802	HALBLEITER	71563	RZEWSKI	H	1-1881	KRIST.FEHL.	66035	SAELZER	HG	7-1360	ATOME	52075
YNKINA LI	1-2138	MAGN.EIG.FK	69045			6-2420	HALBLEITER	71520	SAENGER	R	2- 173	QU.FELDTHEO	17030
	1-2139	MAGN.EIG.FK	69045			10-2051	KRIST.FEHL.	66062		RM	11- 161	QU.FELDTHEO	17030
CA PM	4- 848	BESCHLEUNIG	41020		M	10- 651	OPT.INSTRUM	28550	SAENKO	LF	1-1126	KERNSPEKTR.	42565
IV VA	3-2620	DUENNE SCHI	74010	RZHANOV	AV	5-2459	HALBLEITER	71520	SAENZ	AW	3- 118	QUANTENTHEO	16516
IVA LA	3-2637	DUENNE SCHI	74040	RZHEKHINA	EI	5-1899	FK-SPEKTREN	73310	SAERMARK	K	10-2144	GITTERDYN.	67040
SEV AN	10- 661	OPT.INSTRUM	28563	RZHEVSKII	VV	7- 92	LABORTECHN.	12580	SAETRE	P	10- 981	STARKE WW.	41764
UKHOV IR	4- 847	BESCHLEUNIG	41020						SAETTA MENICHELLA E.		10-1176	KERNREAKTIO	43008
OV VY	9-1311	MOLEKUELE	52536							A	2- 511	OPT.INSTRUM	28526
PR	5-1990	KRIST.FEHL.	66062						SAEZ		6-2415	HALBLEITER	71530
BF	7-1743	FLUESSIGK.	58530						SAFARALIEV	GI	2-1792	KRIST.FEHL.	66062
DG	2- 785	STARKE WW.	41725						SAFARBAEV	I	2-2228	LEITFHGK.FK	70053
	9- 805	STARKE WW.	41725						SAFAROV	VI	4- 412	HYDRODYNAM.	23040
RD	7- 751	KERN-MESSG.	40518	SAAD	EA	9-1120	K-REAKTOREN	43515	SAFFMAN	PG	6-1444	PLASMA	57050
RR	8-1426	MOLEKUELE	52536		HR	3-1047	KERNREAKTIO	43054			8- 379	HYDRODYNAM.	23020
ANDV EV	7-1531	PLASMA	57045	SAADA	G	6-1064	KERNREAKTIO	43054	SAFFORD	GJ	5-2079	GITTERDYN.	67040
	7-1537	PLASMA	57050			6-1927	KRIST.FEHL.	66035	SAFFREN	MM	8-1854	KRISTALLE	65545
GV	10- 392	HYDRODYNAM.	23060	SAAKYAN	VA	10-2057	KRIST.FEHL.	66035	SAFIULLIN	RK	8-1440	MOLEKUELE	52540
MI	10- 266	STATISTIK	17530			9-1967	GITTERDYN.	67040	SAFRANOV	YP	9-2772	LUFTHUELLE	90850
	7-1281	KERNSTRHLG.	44035	SAAL	H	10-2375	LEITFHGK.FK	70028	SAFRANY	DR	9-1371	MOLEKUELE	52575
	10-1376	KERNSTRHLG.	44020			6- 689	ELEMENTART.	41546			9-1579	GASENTLADG.	57810
	10-2046	KRIST.FEHL.	66060	SAARS	SY	8- 866	ELEMENTART.	41546	SAFRATA	RS	6-1059	KERNREAKTIO	43048
VS	5-2612	FK-SPEKTREN	73340	SAAYEDRA	I	9-1676	FLUESSIGK.	58540			11-1231	KERNREAKTIO	43048
	11-2899	FK-SPEKTREN	73340	SAABEDRA	IG	3- 138	QUANTENTHEO	16530	SAFRONOV	AN	1- 823	ELEMENTART.	41563
E	2-2159	MAGN.EIG.FK	69065	SABAD	EP	5- 318	HYDRODYNAM.	23020			7- 849	ELEMENTART.	41543
KOV AK	3-2882	PLANETEN	93640	SABADIL	H	9- 162	QUANTENTHEO	16578			11- 379	ELEKTRODYN.	26540
LTVOYSKY AO	8-2533	FK-SPEKTREN	73355	SABANE	CD	10-1759	GASENTLADG.	57840	GH		9-2569	OPT.EIG.FK	73610
CKI K	2- 824	STARKE WW.	41740	SABATIER	PC	5-2474	HALBLEITER	71530	SN		7-2463	FK-SPEKTREN	73355
	3- 871	STARKE WW.	41783			1- 170	QUANTENTHEO	16553	VS		8-2909	PLANETEN	93640
	3-2774	KOSM.STRLG.	90640			5- 165	QUANTENTHEO	16530	SAFRONOVA	U	12-1485	ATOME	52010
	10- 997	STARKE WW.	41780			9- 164	QUANTENTHEO	16582			12-1486	ATOME	52010
	11- 914	STARKE WW.	41780	SABBATA DE V		10-3067	KOSM.PHYSIK	94500		UI	12-1481	ATOME	52010
	11- 921	STARKE WW.	41783	SABBEN VAN D		10-2940	MAGNETOSPH.	91223	SAGAN	C	3-2925	BIOPHYSIK	96000
	11- 922	STARKE WW.	41783	SABBIONI E		9-1844	KRIST.FEHL.	66025			4-2831	PLANETEN	93613
	12-1136	STARKE WW.	41783	SABELEV	GI	3- 362	WAERME	24060			5-2909	PLANETEN	93612
LEWSKI J	3- 287	ELASTIZIT.	22530	SABERSKY	RH	5- 401	WAERME	24060			8-2873	PLANETEN	93610
BECKI OEH	3-1402	PLASMA	57070	SABEU	M	9- 817	STARKE WW.	41725			8-2875	PLANETEN	93612
	11-3333	IONOSPHERE	91074	SABEY	JW	10- 656	OPT.INSTRUM	28556			8-2877	PLANETEN	93612
H	8-1164	KERNSPEKTR.	42565	SABHERVAL	S	9- 391	WAERME	24060	SAGAR	A	3-1762	KRIST.FEHL.	66025
WD	10-2468	HALBLEITER	71530	SABINE	TH	4- 139	LABORTECHN.	12530	SAGASTIBELZA F		4- 782	KERN-MESSG.	40510
LH	11- 77	QUANTENTHEO	16516	SABIROV	BM	6- 949	KERNSPEKTR.	42550	SAGAWA	T	5-2559	FK-SPEKTREN	73315
RA	2-1091	KERNREAKTIO	43092	SABIROV	LH	11-2884	FK-SPEKTREN	73330	SAGDEEV	RZ	1-1604	PLASMA	57055
VI	1-1331	KERNSTRHLG.	44035	SABISKY	ES	2-1742	KRIST.FEHL.	66025			1-2168	LEITFHGK.FK	70020
G	7-2661	GRENZFL.FK	74540			4- 607	MASER,LASER	28020			1-2775	MAGNETOSPH.	91280
NN	7- 589	MASER,LASER	28060	SABITOV	RM	9-2377	FK-SPEKTREN	73310			1-2776	MAGNETOSPH.	91280
	8-2114	THERMEIG.FK	67556			10-3005	PLANETEN	93620			5-1661	PLASMA	57263
	9- 541	MASER,LASER	28060	SABLEV	SN	8-2696	GRENZFL.FK	74535			10-1746	PLASMA	57263
	6-1622	FLUESSIGK.	58500	SABO	VI	9- 851	STARKE WW.	41753	SAGDEYEV	RZ	2-1461	PLASMA	57263
	9-1678	FLUESSIGK.	58543	SABOL	BP	3-1802	KRIST.FEHL.	66035			5- 128	MATH.PHYSIK	16040
	11-1914	FLUESSIGK.	58540	SABONNADIERE J.C.		9- 427	ELEKTRIZIT.	26040			12-3011	FK-SPEKTREN	73360
	12- 495	THERMODYN.	24530			7-2949	KOSM.PHYSIK	94586	SAGE	JP	8- 677	OPT.INSTRUM	28570
VV	6- 855	STARKE WW.	41783	SABU	DD	11-2213	GITTERDYN.	67040	SAGET	JC	1- 505	TEILCH.OPT.	27016
	11- 910	STARKE WW.	41780	SACCHI	CA	7- 528	MASER,LASER	28040			2- 61	VAKUUM	13030
	11- 920	STARKE WW.	41783	SACCOCIO	EJ	1- 646	OPT.INSTRUM	28570			5- 278	MECHANIK	22050
NOV LN	1-2689	ERDKOERPER	90240			4- 692	OPT.INSTRUM	28570	SAGLIO	R	5- 567	MASER,LASER	28050
M	9-2954	STERNE	94060	SACEDON	JL	12-3176	DUENNE SCHI	74010			2-2371	HALBLEITER	71560
SIR M	1-2839	KOSM.PHYSIK	9										

SAHNI	RC	5-1453	MOLEKUELE	52560	SAKMAR	IA	11-784	STARKE WW.	41725	SALPETER	EE	4-2812	SONNENPHYS.	9
	RJ	3-793	STARKE WW.	41725	SAKSENA	MP	1-1722	GASE	58025			4-2875	KOSM.PHYSIK	9
		6-864	STARKE WW.	41790			2-1501	GASE	58010			8-2942	STERNE	9
		7-894	STARKE WW.	41710			2-1510	GASE	58025			8-2967	KOSM.PHYSIK	9
		8-946	STARKE WW.	41725			2-1515	GASE	58025			9-2939	STERNE	9
SAHRI	DS	2-2129	MAGN.EIG.FK	69050		TK	12-1707	POLYMERE	53525			11-3451	KOSM.PHYSIK	9
SAI	T	7-623	OPT.INSTRUM	28530	SAKUDO	K	8-2538	FK-SPEKTREN	73355	SALSBURG	ZW	3-1865	MECH.EIG.FK	6
SAIDL	J	11-1362	K-REAKTOREN	43560	SAKUMA	T	5-826	ELEMENTART.	41566			8-1895	KRISTALLE	6
		11-1363	K-REAKTOREN	43560			9-1037	STARKE WW.	41764			9-397	THERMODYN.	21
SAIFI	MA	11-2287	DIELEKTRIKA	68030	SAKUN	VP	9-2528	FK-SPEKTREN	73370			9-1986	THERMEIG.FK	61
SAIKA	A	6-1272	MOLEKUELE	52514	SAKURAGI	S	10-2681	FK-SPEKTREN	73325	SALT	B	7-1696	FLUESSIGK.	51
SAILLARD	Y	11-786	STARKE WW.	41725			12-3139	OPT.EIG.FK	73640		PJ	4-173	VAKUUM	13
SAILOR	LV	10-1240	KERNREAKTIO	43048	SAKURAI	A	12-2600	LEITFHGK.FK	70010	SALTER	DC	11-916	STARKE WW.	4
SAILORS	RH	5-2691	DUENNE SCHI	74010		J	6-2220	MAGN.EIG.FK	69010			12-1005	STARKE WW.	4
SAIMOTO	S	6-2066	MECH.EIG.FK	66556			12-2372	GITTERDYN.	67000		JAM	2-1925	THERMEIG.FK	61
SAINT JAMES D		4-2294	SUPRALEITG.	70530			12-2579	MAGN.EIG.FK	69060			11-2596	GITTERDYN.	6
SAINTIGNON	P	5-1027	KERNSPEKTR.	42510		JJ	1-774	ELEMENTART.	41510		WJM	11-394	TEILCH.OPT.	2
SAITO		3-478	MASER,LASER	28020			4-877	ELEMENTART.	41546	SALTHOUSE	JA	12-1620	MOLEKUELE	5
	H	1-1897	KRIST.FEHL.	66065			5-935	STARKE WW.	41753	SALTINI	G	5-897	STARKE WW.	4
		4-1960	KRIST.FEHL.	66076			5-936	STARKE WW.	41753	SALTIS	R	4-2343	HALBLEITER	7
		10-2189	THERMEIG.FK	67530			8-836	ELEMENTART.	41510	SALTHARSH	MJM	1-1218	KERNREAKTIO	43
		11-2500	MAGN.EIG.FK	69060			10-63	BUECHER	11010			11-1240	KERNREAKTIO	43
	K	1-1660	PLASMA	57203			12-919	ELEMENTART.	41540	SALTYKOV	LS	7-1219	KERNREAKTIO	43
		1-2434	PHOTOLEITG.	72510		K	2-1262	MOLEKUELE	52543			9-1061	KERNREAKTIO	43
		2-1098	K-REAKTOREN	43510		M	11-2843	FK-SPEKTREN	73320	SALTZBURG	H	1-737	KERN-MESSG.	40
		2-1099	K-REAKTOREN	43510		T	8-1887	KRISTALLE	65572	SALUSTI	E	6-873	KERNSTRUKT.	72
		2-2380	HALBLEITER	71563		Y	8-2656	DUENNE SCHI	74050	SALVADORI	A	5-2326	LEITFHGK.FK	40
		5-1201	K-REAKTOREN	43515	SAKUTA	SB	12-1398	KERNREAKTIO	43085		P	1-1197	KERNREAKTIO	43
		11-3373	SONNENPHYS.	93328	SAKYARELIDZE	I.I.						11-1214	KERNREAKTIO	43
	M	2-2700	ERDKOERPER	90240			6-859	STARKE WW.	41783	SALVANT	JP	9-2019	THERMEIG.FK	67
		5-1985	KRIST.FEHL.	66035	SALA	O	12-1366	KERNREAKTIO	43064	SALVAT	M	12-1846	PLASMA	57
	N	2-1324	POLYMERE	53500	SALADIN	JX	1-1098	KERNSPEKTR.	42555	SALVETTI	F	11-1204	KERNREAKTIO	43
		3-218	STATISTIK	17520			7-1209	KERNREAKTIO	43064	SALVI	G	5-2995	SEHEN	96
		3-219	STATISTIK	17520			7-1210	KERNREAKTIO	43064		GR	4-1820	FLUESSIGK.	58
		11-1617	POLYMERE	53535			11-1309	KERNREAKTIO	43064	SALVINI	G	2-743	ELEMENTART.	42
	O	11-3106	DUENNE SCHI	74050	SALAGEANU	S	12-1280	KERNSPEKTR.	42570	SALVERS	A	3-920	KERNSPEKTR.	42
	S	3-1319	POLYMERE	53550	SALAH	JE	3-908	KERNSPEKTR.	42515	SALZANO	FJ	7-2098	THERMEIG.FK	67
		1-1222	KERNREAKTIO	43052	SALAM	A	5-2816	LUFTHUELLE	90830	SALZBORN	E	3-709	BESCHLEUNIG.	67
		1-2059	FK-SPEKTREN	73370			1-906	STARKE WW.	41753	SALZMAN	F	8-884	ELEMENTART.	41
		9-1103	K-REAKTOREN	43510			1-921	STARKE WW.	41755		G	8-884	ELEMENTART.	41
		10-2108	MECH.EIG.FK	66545			2-111	QUANTENTHEO	16556	SAM	D	4-1289	KERNREAKTIO	43
		12-960	ELEMENTART.	41574			2-866	STARKE WW.	41760	SAMADDAR	SM	2-1385	PLASMA	57
	T	2-139	QUANTENTHEO	16582			4-241	QUANTENTHEO	16582	SAMAMA	R	5-1142	KERNREAKTIO	43
		2-2725	GEOMAGNET.	90450			8-204	QUANTENTHEO	16553			6-1052	KERNREAKTIO	43
		9-737	ELEMENTART.	41540	SALAMA	K	4-1967	MECH.EIG.FK	66514			10-1225	KERNREAKTIO	43
		9-1007	KERNREAKTIO	43020		M	12-1344	KERNREAKTIO	43046			11-1090	KERNSPEKTR.	42
	Y	12-3178	DUENNE SCHI	74010	SALAMON	T	10-595	MASER,LASER	28055	SAMARA	GA	5-2049	MECH.EIG.FK	66
SAITOH	M	7-2235	LEITFHGK.FK	70056	SALANECK	W	12-2809	HALBLEITER	71570			8-1902	KRISTALLE	68
SAITOV	I	6-835	STARKE WW.	41770	SALANSKII	NM	11-1350	DUENNE SCHI	74050			8-2119	DIELEKTRIKA	68
		6-836	STARKE WW.	41770	SALANT	EO	3-788	STARKE WW.	41725	SAMARDJIEV	D	9-2796	IONOSPHERE	91
	IS	5-750	KERN-MESSG.	40555			6-822	STARKE WW.	41767	SAMARDZHIEV	D	10-2933	IONOSPHERE	91
SAITTA	G	6-2607	OPT.EIG.FK	73645	SALARDI	G	11-657	BESCHLEUNIG.	41020			11-3325	IONOSPHERE	91
SAJBEN	M	9-1542	PLASMA	57235	SALAT	A	6-2380	SUPRALEITG.	70550	SAMARIN	AM	4-2066	THERMEIG.FK	67
SAJI	Y	10-1121	KERNSPEKTR.	42555	SALATHE	EP	5-1553	PLASMA	57040			6-1705	FLUESSIGK.	58
		12-1251	KERNSPEKTR.	42555	SALCEANU	C	3-1574	FLUESSIGK.	58540			9-2035	THERMEIG.FK	67
SAK	J	10-2351	LEITFHGK.FK	70022			8-1764	FLUESSIGK.	58543	SAMARSKII	AA	5-1564	PLASMA	57
SAKAI	E	8-1944	KRIST.FEHL.	66025	SALDERN VON	A	5-7	BIOGRAPHIEN	10220	SAMARSKY	AA	2-5	BIOGRAPHIEN	10
		12-799	KERN-MESSG.	40520	SALEEM	M	9-722	ELEMENTART.	41500	SAMBONDI	T	12-2737	METAL.LEITG.	71
	H	1-1493	MOLEKUELE	52585	SALEH	AM	11-3285	LUFTHUELLE	90860	SAMELSON	H	1-553	MASER,LASER	28
		6-474	OPT.INSTRUM	28545		ZA	10-1281	KERNREAKTIO	43064			9-2406	FK-SPEKTREN	73
		6-475	OPT.INSTRUM	28545			12-1198	KERNSPEKTR.	42540	SAMIOS	NP	5-968	STARKE WW.	41
		7-614	OPT.INSTRUM	28530	SALEM	L	12-1602	MOLEKUELE	52516			5-979	STARKE WW.	41
		8-629	OPT.INSTRUM	28530		SI	2-1159	ATOME	52022			10-994	STARKE WW.	41
		8-647	OPT.INSTRUM	28545			5-2556	FK-SPEKTREN	73315	SAMIR	U	5-2861	IONOSPHERE	91
	K	11-850	STARKE WW.	41740	SALES	A	5-123	MATH.PHYSIK	16020	SAMIULLAH	M	10-869	ELEMENTART.	41
	M	3-963	KERNSPEKTR.	42560	SALETTI	F	10-1204	KERNREAKTIO	43024			12-984	STARKE WW.	41
		5-1015	KERNSTRUKT.	42060	SALGUEIRO	LF	6-990	KERNSPEKTR.	42565	SAMKOV	YM	7-918	STARKE WW.	41
		11-1154	KERNSPEKTR.	42570	SALIE	N	9-226	FELDTHEORIE	18010	SAMOILENKO	LI	6-1474	PLASMA	57
		11-1244	KERNREAKTIO	43050	SALIMOV	RA	8-1624	PLASMA	57055	SAMOILOV	BN	2-1889	GITTERDYN.	67
		12-1180	KERNSTRUKT.	42075			8-1627	PLASMA	57055			7-2301	METAL.LEITG.	71
	S	8-2408	HALBLEITER	71560		VM	12-637	MASER,LASER	28055		VB	9-2071	DIELEKTRIKA	68
	Y	3-2469	PHOTOLEITG.	72510	SALIMZIBAROV	R.B.						12-2505	DIELEKTRIKA	68
		9-2629	DUENNE SCHI	74010			3-2760	KOSM.STRLO.	90633		VP	7-115	VAKUUM	13
SAKAKI	Y	2-2597	DUENNE SCHI	74020	SALIN	A	2-143	QUANTENTHEO	16588	SAMOILOVICH	AG	2-2001	DIELEKTRIKA	68
SAKAKIBARA	M	9-393	WAERME	24060			2-1222	ATOME	52065			7-2344	HALBLEITER	71
SAKAKIHARA	Y	2-1863	MECH.EIG.FK	66553			9-1221	ATOME	52065			9-2262	HALBLEITER	71
SAKALAS	A	9-2264	HALBLEITER	71510			10-1446	ATOME	52065		MI	2-2446	OPT.EIG.FK	73
SAKALAUSKAITE	D.					P	3-185	QUANTENTHEO	16582		YA	4-2065	THERMEIG.FK	67
		8-2637	DUENNE SCHI	74010			4-934	STARKE WW.	41720	SAMOILYUKOVICH	V.A.			
SAKAMOTO	H	1-2570	OPT.EIG.FK	73645			5-840	ELEMENTART.	41574			10-590	MASER,LASER	28
		5-2643	OPT.EIG.FK	73635			9-804	STARKE WW.	41700	SAMOKHIN	AA	2-180	STATISTIK	17
	K	4-1137	KERNSPEKTR.	42565			11-746	ELEMENTART.	41574			3-1285	MOLEKUELE	52
		7-779	KERN-MESSG.	40535			12-236	QUANTENTHEO	16575			4-2107	FK-SPEKTREN	73
	M	2-2117	MAGN.EIG.FK	69040		R	5-1139	KERNREAKTIO	43044			8-2219	MAGN.EIG.FK	69
	Y	1-1648	PLASMA	57075			6-1055	KERNREAKTIO	43044			2-399	ELEKTRODYN.	26
		2-800	STARKE WW.	41735			6-1056	KERNREAKTIO	43044	SAMOKHYALOV	AA	2-2151	MAGN.EIG.FK	69
		9-823	STARKE WW.	41735	SALIS VON	GA	9-1658	FLUESSIGK.	58530			2-2152	MAGN.EIG.FK	69
SAKANE	H	11-825	STARKE WW.	41735	SALISBURY	JW	8-2095	PLANETEN	93640			3-2009	DIELEKTRIKA	68
SAKANISHI	A	3-2653	DUENNE SCHI	74060	SALISTRA	GI	2-364	THERMODYN.	24550			8-2530	FK-SPEKTREN	73
SAKANOU	A	8-1533	POLYMERE	53542			7-2195	LEITFHGK.FK	70060	SAMOKVLIISKI	D.A.			
SAKAOKU	K	5-653	OPT.INSTRUM	28595	SALKOV	EA	12-2815	HALBLEITER	71570			8-444	WAERME	24
SAKASHITA	K	6-1386	POLYMERE	53542	SALKOVA	EN	4-621	MASER,LASER	28045	SAMOSUDOV	BE	6-2786	KOSM.STRLO.	90
SAKATA	K	11-3458	KOSM.PHYSIK	94540	SALLAY	M	11-2769	HALBLEITER	71580	SAMOSVAT	OS	9-1393	MOLEKUELE	52
	S	2-1940	THERMEIG.FK	67550	SALLER	EJ	1-2584	OPT.EIG.FK	73670			11-1233	KERNREAKTIO	43
	T	1-781	ELEMENTART.	41520		H	8-841	ELEMENTART.	41520	SAMOUR	C	3-1032	KERNREAKTIO	43
SAKATE	K	2-1940	THERMEIG.FK	67550	SALLI	IV	7-1797	KRISTALLE	65518			5-1101	KERNSPEKTR.	42
SAKAYAMABI	Y	5-414	WAERME	24070	SALMANOV	VM	3-1847	KRIST.FEHL.	66070			10-1235	KERNREAKTIO	43
SAKEVICH	NH	7-622	OPT.INSTRUM	28530			3-2008	DIELEKTRIKA	68020	SAMOYLOVICH	AG	4-2263	LEITFHGK.FK	70
		11-1907	FLUESSIGK.	58535			6-2561	FK-SPEKTREN	73380	SAMPANTHAR	A	3-148	QUANTENTHEO	16
SAKHAROV	AD	1-941	STARKE WW.	41760										

GB	6-2724	GRENZFL.FK	74566	SANIN	AA	12-667	OPT.INSTRUM	28526	SARASWATI	V	9-2525	FK-SPEKTREN	73370		
GV	11-2700	HALBLEITER	71530	SANINA	VA	12-3006	FK-SPEKTREN	73360	SARAZIN	A	9-2532	FK-SPEKTREN	73370		
VG	12-2729	METAL.LEITG	71000	SANKAR	SG	6-300	WAERME	24040			5-724	KERN-MESSG.	40505		
D	8-803	KERN-MESSG.	40582	SANKARANARAYAN	D.						5-1992	KRIST.FEHL.	66062		
JJ	2-642	KERN-MESSG.	40520			3-774	STARKE WW.	41700			7-1942	KRIST.FEHL.	66060		
	5-724	KERN-MESSG.	40505	SANKARANARAYANAN	A.						11-2124	KRIST.FEHL.	66060		
	5-1992	KRIST.FEHL.	66062			5-146	QUANTENTHED	16516			12-798	KERN-MESSG.	40520		
	12-798	KERN-MESSG.	40520			7-891	STARKE WW.	41700			12-1356	KERNREAKTIO	43054		
SEN	EJ	7-2150	MAGN.EIG.FK	69030		8-441	WAERME	24023	SARBEI	OG	10-2779	DUENNE SCHI	74040		
		11-2315	MAGN.EIG.FK	69010	SANKEY	JD	10-85	MESSEN	12240	SARDARJAN	WS	1-2193	LEITFHKG.FK	70028	
SSON	L	8-769	KERN-MESSG.	40532	SANKO	LA	11-909	STARKE WW.	41780	SARDOS	R	2-627	PHYS.OPTIK	29080	
COV	EV	2-1185	MOLEKUELE	52575	SANNES	F	4-1233	KERNREAKTIO	43050			5-2208	FK-SPEKTREN	73360	
		3-1513	GASE	58025	SANNIKOV	DG	12-2479	DIELEKTRIKA	68020	SARFATT	J	4-306	STATISTIK	17560	
		7-1507	PLASMA	57017		SS	1-141	QUANTENTHED	16516			5-1747	FLUESSIGK.	58525	
AKI	ED	6-1672	FLUESSIGK.	58535			1-810	ELEMENTART.	41546			7-578	MASER,LASER	28060	
ES	PR	5-1929	KRISTALLE	65586			6-98	QUANTENTHED	16516	SARGENT	BW	11-587	KERN-MESSG.	40518	
	J	8-552	HF-TECHNIK	27540			7-143	QUANTENTHED	16516		CP	9-717	BESCHLEUNIG	41030	
		6-595	KERN-MESSG.	40550			12-193	QUANTENTHED	16516			10-1203	KERNREAKTIO	43024	
		8-1063	KERNSTRUKT.	42010	SANO	H	4-1873	FK-SPEKTREN	73310			11-1199	KERNREAKTIO	43022	
		8-1067	KERNSTRUKT.	42010			6-2083	GITTERDYN.	67020		FP	12-2964	FK-SPEKTREN	73355	
KE	TI	1-1512	MOLEKUELE	52547			9-1395	POLYMER	53510		GA	11-2111	KRIST.FEHL.	66035	
KN	JV	9-1479	PLASMA	57055		N	2-2027	FK-SPEKTREN	73370		WLW	4-2891	KOSM.PHYSIK	94560	
	M	10-1243	KERNREAKTIO	43048			11-2978	FK-SPEKTREN	73370			8-2924	STERNE	94020	
IZ	AD	3-2868	PLANETEN	93610	SANS	TT	1-1474	MOLEKUELE	52536			9-2996	KOSM.PHYSIK	94565	
IZ	C	2-1728	KRIST.FEHL.	66015	SANTALO	LA	4-336	FELDTHEORIE	18050	SARGENT III	M	8-570	MASER,LASER	28035	
					SANTAMARIA	E	3-2309	SUPRALEITG.	70530			8-571	MASER,LASER	28035	
PALENCIA	E.				SANTANDREA	E	1-1280	K-REAKTOREN	43510	SARGOOD	AJ	1-2657	GRENZFL.FK	74563	
		2-1373	PLASMA	57050	SANTANGELO	R	10-981	STARKE WW.	41764			7-2647	GRENZFL.FK	74535	
		5-1557	PLASMA	57045			11-854	STARKE WW.	41745	SARICHEV	VT	9-2817	MAGNETOSPH.	91230	
		12-1760	PLASMA	57045	SANTARAM	C	1-1468	MOLEKUELE	52524	SARIS	FW	11-1355	GRENZFL.FK	74520	
SINENCIO	F.				SANTARELLI	VA	1-1785	FLUESSIGK.	58562	SARJEANT	PT	5-2136	THERMEIG.FK	67556	
		7-2349	HALBLEITER	71563	SANTAVY	I	1-654	PHYS.OPTIK	29000	SARKADY	AA	10-2959	SONNENPHYS.	93316	
IS DE	E	1-1197	KERNREAKTIO	43034			6-2681	DUENNE SCHI	74060	SARKAR	DK	5-1522	POLYMER	53542	
JE	A	7-2910	KOSM.PHYSIK	94510	SANTHANAM	TS	10-192	QUANTENTHED	16516		NH	2-2898	STRAHL.BIOL	97000	
		10-3059	STERNE	94050	SANTIER	C	12-2991	FK-SPEKTREN	73355		A	7-151	QUANTENTHED	16526	
LESCU	A	1-1034	KERNSEKTR.	42520	SANTILLI	RM	4-189	QUANTENTHED	16516	SARKER	Q	5-873	STARKE WW.	41720	
RS	PGH	1-1378	ATOME	52030			4-190	QUANTENTHED	16516			7-872	ELEMENTART.	41566	
		1-1433	ATOME	52085			5-138	QUANTENTHED	16516			7-899	STARKE WW.	41710	
		3-1163	ATOME	52085	SANTINI	F	12-239	QUANTENTHED	16575			11-889	STARKE WW.	41764	
		6-1194	ATOME	52035			2-1350	PLASMA	57017			12-931	ELEMENTART.	41546	
		12-1476	ATOME	52010			9-1432	PLASMA	57017	SARKISSIAN	DER	M.			
		12-1477	ATOME	52010			9-2049	GRENZFL.FK	74525			4-926	ELEMENTART.	41586	
JAS	JS	5-113	VAKUUM	13025		R	5-2142	DIELEKTRIKA	68020	SARKISYAN	VS	12-482	WAERME	24050	
RR	L	11-2653	METAL.LEITG	71000	SANTIS DE	P	6-2145	DIELEKTRIKA	68020	SARMA	CR	3-1220	MOLEKUELE	52514	
RS	CL	4-656	OPT.INSTRUM	28510			3-328	HYDRODYNAM.	23070		GN	4-408	HYDRODYNAM.	23030	
		5-635	OPT.INSTRUM	28556	SANTO	R	5-769	KERN-MESSG.	40584		GSR	9-1506	PLASMA	57080	
		7-1941	KRIST.FEHL.	66060			1-1065	KERNSEKTR.	42545		KVL	5-895	STARKE WW.	41730	
		11-1377	KERNSTRHLG.	44030			1-1083	KERNSEKTR.	42550			8-1043	STARKE WW.	41770	
		2-1129	KERNSTRHLG.	44010			1-1257	KERNREAKTIO	43075			10-886	STARKE WW.	41720	
		11-2039	KRISTALLE	65584			2-1063	KERNREAKTIO	43064		KVN	1-345	HYDRODYNAM.	23020	
		12-465	AKUSTIK	23530			6-925	KERNSEKTR.	42545		N	4-805	KERN-MESSG.	40532	
		12-3304	GEOMAGNET.	90470			8-1126	KERNSEKTR.	42545			9-1044	KERNREAKTIO	43054	
	NL	5-776	BESCHLEUNIG	41010			12-1367	KERNREAKTIO	43064		NV	3-2295	SUPRALEITG.	70510	
	RH	9-2938	STERNE	94040			12-1380	KERNREAKTIO	43075			5-2426	SUPRALEITG.	70550	
	WT	1-1882	KRIST.FEHL.	66035	SANTON	F	5-361	AKUSTIK	23530			10-2437	SUPRALEITG.	70540	
RS JR.	TM	2-1344	PLASMA	57030			9-354	AKUSTIK	23560	SBS		4-2749	IONOSPHERE	91020	
		4-525	ELEKTRIZIT.	26060			10-400	AKUSTIK	23510			4-2777	IONOSPHERE	91072	
		12-1963	FLUESSIGK.	58527	SANTORI	S	10-981	STARKE WW.	41764	SARMANTO		VYS	12-1990	FLUESSIGK.	58535
PERSON	AC	6-2495	PHOTOLEITG.	72510	SANTORO	G	12-2755	HALBLEITER	71520			A	1-1122	KERNSEKTR.	42565
	JA	7-21	BIOGRAPHIEN	10230		RT	11-588	KERN-MESSG.	40518	SARO	S	7-810	KERN-MESSG.	40582	
		7-646	OPT.INSTRUM	28553			12-1349	KERNREAKTIO	43050	SARRAU	JM	7-106	VAKUUM	13020	
	RB	2-1251	MOLEKUELE	52560	SANTOS	C	8-1049	STARKE WW.	41783	SARRAZIN	P	6-1897	KRIST.FEHL.	66025	
ORD	MCW	7-2754	LUFTHUELLE	90860		E	2-106	QUANTENTHED	16530	SARTAIN	CC	10-2468	HALBLEITER	71530	
HS		4-95	UNTERRICHT	12035		FD	3-1065	KERNREAKTIO	43060	SARTHOU	P	12-3313	LUFTHUELLE	90810	
FFORD	DJ	4-1767	FLUESSIGK.	58527	SANTOS FRANCO	DOS	A.			SARTOR	JD	3-330	HYDRODYNAM.	23070	
HN	TR	7-2077	THERMEIG.FK	67510			5-2797	ERDKOERPER	90235			9-2781	LUFTHUELLE	90880	
TOV	DS	12-1982	FLUESSIGK.	58530	SANTRONI	A	12-969	ELEMENTART.	41574	SARTORI	G	4-979	STARKE WW.	41753	
BE	WJ	11-1427	ATOME	52040	SANTRY	D	7-1803	KRISTALLE	65540			10-159	QUANTENTHED	16516	
BER		4-1266	KERNREAKTIO	43066		DC	2-1036	KERNREAKTIO	43046		L	7-2927	KOSM.PHYSIK	94540	
	LM	4-2202	MAGN.EIG.FK	69070		DP	5-1343	MOLEKUELE	52510		S	6-2137	THERMEIG.FK	67556	
		4-2202	MAGN.EIG.FK	69070			5-1427	MOLEKUELE	52520			7-1873	KRIST.FEHL.	66015	
	SI	3-1500	GASE	58025			7-1390	MOLEKUELE	52514	SARTORIS	G	1-998	KERNSTRUKT.	42070	
		7-1656	GASE	58025	SANTUCCI	S	6-2205	FK-SPEKTREN	73355			4-1159	KERNSEKTR.	42570	
		9-1608	GASE	58025			7-2560	OPT.EIG.FK	73645			10-1083	KERNSEKTR.	42545	
IN	GD	8-2843	SONNENPHYS.	93314	SANTUS	R	8-1543	POLYMER	53546	SARTORIUS	H	1-63	MESSEN	12250	
MEIER	HA	9-1107	K-REAKTOREN	43515	SANWALD	RC	4-559	TEILCH.OPT.	27040	SARTORY	WK	5-1573	PLASMA	57055	
	KM	5-1344	MOLEKUELE	52510			5-506	TEILCH.OPT.	27040	SARVER	CE	7-375	WAERME	24023	
OLI	M	9-1060	KERNREAKTIO	43064	SANZELLE	S	2-656	KERN-MESSG.	40550	SARWINSKI	RE	6-1659	FLUESSIGK.	58527	
DMIRSKIY	V.B.						5-727	KERN-MESSG.	40510		RJ	3-64	LABORTECHN.	12530	
		11-2744	HALBLEITER	71566	SANZHUR	IE	4-1225	KERNREAKTIO	43046	SARYCHEV	GS	5-120	VAKUUM	13030	
DMIRSKY	VB	5-2724	DUENNE SCHI	74040	SAPERSHTEYN	EE	3-885	KERNSTRUKT.	42020	SARYCHEVA	LI	6-2791	KOSM.STRLG.	90646	
		11-2532	LEITFHKG.FK	70010	SAPERSTEIN	AM	1-1171	KERNREAKTIO	43010			11-829	STARKE WW.	41735	
DR	E	3-1703	KRISTALLE	65584			7-933	STARKE WW.	41740			1-563	MASER,LASER	28045	
		7-1842	KRISTALLE	65584			12-1117	STARKE WW.	41764			8-594	MASER,LASER	28045	
DRFY	C	8-1420	MOLEKUELE	52528	SAPIR	M	7-871	ELEMENTART.	41566			10-576	MASER,LASER	28045	
RI	G	1-1549	PLASMA	57026	SAPLAKOGLU	A	7-1306	ATOME	52027	SASADA	Y	7-284	MECHANIK	22032	
		2-1505	GASE	58025	SAPOGIN	LG	2-401	ELEKTRODYN.	26540	SASAKI	A	5-1602	ATOME	52080	
		9-210	STATISTIK	17526	SAPORETTI	F	6-1015	KERNREAKTIO	43008		H	1-2204	LEITFHKG.FK	70053	
RIGAILO	LE	8-1330	ATOME	52040	SAPOZHNIKOVA	V.A.					I	5-2687	DUENNE SCHI	74010	
ROCK	F	9-662	KERN-MESSG.	40535			9-543	MASER,LASER	28060		T	4-1783	FLUESSIGK.	58540	
		9-1152	KERNSTRHLG.	44020			10-616	MASER,LASER	28060			5-2559	FK-SPEKTREN	73319	
	GD	10-2286	MAGN.EIG.FK	69040	SAPP	RC	10-2623	FK-SPEKTREN	73355			9-2381	FK-SPEKTREN	73320	
	R	3-2551	OPT.EIG.FK	73605		WW	2-1169	ATOME	52030		W	1-2331	HALBLEITER	71520	
		12-2627	LEITFHKG.FK	70026	SAPRYKIN	VM	7-1368	ATOME	52075			9-2220	SUPRALEITG.	70540	
STEDE	G	1-85	LABORTECHN.	12580	SAR EL	HZ	4-806	KERN-MESSG.	40532		Y	8-1609	PLASMA	57053	
		4-2625	GRENZFL.FK	74535			11-598	KERN-MESSG.	40532	SASAKURA	Y	8-1630	PLASMA	57060	
		7-87	LABORTECHN.	12580	SARA	RI	12-1192	KERNSEKTR.	42520	SASANUMA	M	5-2559	FK-SPEKTREN	73315	
		8-137	LABORTECHN.	12580	SARABHAI	VA	5-2948	KOSM.PHYSIK	94530			6-2868	SONNENPHYS.	93316	
		11-357	ELEKTRIZIT.	26010			2-2742	KOSM.STRLG.							

SASTRY - SAYASOV

SASTRY	CVK	10-1847	FLUESSIGK.	58543	SAULIT	VR	5- 743	KERN-MESSG.	40532	SAVOIA	M	2- 909	KERNSTRUKT.	42
	CVR	2-1964	DIELEKTRIKA	68020			5- 744	KERN-MESSG.	40532			11-1094	KERNSEKTR.	42
	DL	7-1129	KERNSEKTR.	42565			12- 545	TEILCH.OPT.	27013	SAVORNIN	F	5-2516	THERMOELEKT	72
		7-1138	KERNSEKTR.	42570	SAULYS	A	3- 789	STARKE WW.	41725	SAVOY	CA	4- 978	STARKE WW.	41
	GLN	10-1847	FLUESSIGK.	58543	SAUMAGNE	P	4-1828	FLUESSIGK.	58576			7- 953	STARKE WW.	41
	KSR	7-1046	KERNSEKTR.	42515			6-2541	FK-SPEKTREN	73330			9- 197	QU.FELDTHEO	17
	MD	7-2490	FK-SPEKTREN	73355	SAUNDERS	DJ	6-2203	FK-SPEKTREN	73355	SAVOYE	ED	2- 429	TEILCH.OPT.	27
	NP	8-2525	FK-SPEKTREN	73355		EW	12-3489	BIOPHYSIK	96040	SAVSCHUK	AI	9-2552	OPT.EIG.FK	73
	SBS	3-2029	FK-SPEKTREN	73345		GA	3-2209	LEITFHGK.FK	70028	SAVULEANU	V	7- 387	WAERME	24
		9-1861	KRIST.FEHL.	66030			4-2328	HALBLEITER	71520			8- 454	WAERME	24
		11-2100	KRIST.FEHL.	66030			5- 434	THERMODYN.	24530	SAVVINYKH	SK	8-2425	HALBLEITER	71
SATAROV	VI	10- 931	STARKE WW.	41740			5-2493	HALBLEITER	71563	SAWA	G	2-2616	DUENNE SCHI	74
SATCHLER	GR	1-1172	KERNREAKTIO	43010			7-1982	MECH.EIG.FK	66514			7-2115	DIELEKTRIKA	68
		1-1231	KERNREAKTIO	43054			11-2219	GITTERDYN.	67060	SAWADA	A	2-1782	KRIST.FEHL.	66
		2- 927	KERNSTRUKT.	42075			11-2780	THERMOELEKT	72010			2-1993	DIELEKTRIKA	68
		3-1069	KERNREAKTIO	43064			12-2750	HALBLEITER	71520			1- 209	QU.FELDTHEO	17
		4-1274	KERNREAKTIO	43080		JB	3- 567	OPT.INSTRUM	28545		K	7-1300	ATOME	52
		8-1119	KERNSEKTR.	42545		JE	9- 715	BESCHLEUNIG	41030		M	9- 564	OPT.INSTRUM	28
		10-1062	KERNREAKTIO	43050		M	10-1561	MOLEKUELE	52547		S	1- 845	STARKE WW.	41
		10-1182	KERNREAKTIO	43010		PAH	3-1457	PLASMA	57256			1- 946	STARKE WW.	41
		11-1180	KERNREAKTIO	43010		PM	1-2690	ERDKOERPER	90260			3- 883	KERNSTRUKT.	42
		11-1274	KERNREAKTIO	43056			12- 755	PHYS.OPTIK	29066			5- 863	STARKE WW.	41
SATHER	NF	11-1853	GASE	58010	SAUNDERSON	DH	12- 858	KERN-MESSG.	40584			8- 928	STARKE WW.	41
SATHIANANDAN	K	4-2019	GITTERDYN.	67040	SAUNIER	G	4-1038	KERNSTRUKT.	42020			8-1023	STARKE WW.	41
		9-1310	MOLEKUELE	52536		N	3-1072	KERNREAKTIO	43064			8-1080	KERNSTRUKT.	42
SATO	A	2- 692	ELEMENTART.	41510			6-1086	KERNREAKTIO	43064			9- 365	WAERME	24
		2-1784	KRIST.FEHL.	66035	SAUPE	A	7-1448	MOLEKUELE	52553			2- 779	STARKE WW.	41
		6- 731	ELEMENTART.	41580			8-1759	FLUESSIGK.	58535		T	2- 816	STARKE WW.	41
	G	8-1638	PLASMA	57075	SAUR	E	3-2306	SUPRALEITG.	70540			2- 919	KERNSTRUKT.	42
	H	1-2851	KOSM.PHYSIK	94580			9-2233	SUPRALEITG.	70540			3- 178	QUANTENTHEO	16
		8- 584	MASER,LASER	28040		F	10- 58	BUECHER	11000			5- 910	STARKE WW.	41
		9-3008	KOSM.PHYSIK	94586		H	11- 794	STARKE WW.	41725			8- 237	QUANTENTHEO	16
		11-2746	HALBLEITER	71566		RL	12-3494	SEHEN	96614			12-1048	STARKE WW.	41
	K	2- 979	KERNSEKTR.	42560	SAUREL	JM	2-2576	DUENNE SCHI	74010			1-2184	LEITFHGK.FK	70
		2-1460	PLASMA	57260	SAUT	G	1-2470	FK-SPEKTREN	73325		Y	1-2218	LEITFHGK.FK	70
		2-2118	MAGN.EIG.FK	69040			4-2335	HALBLEITER	71520			1-2218	LEITFHGK.FK	70
		9-1562	PLASMA	57260	SAUTER	GD	5- 768	KERN-MESSG.	40584			12-2809	HALBLEITER	71
		9-1563	PLASMA	57260		W	3- 421	TEILCH.OPT.	27068	SAWAGUCHI	E	2-2442	PHOTOLEITG.	72
		11-2330	MAGN.EIG.FK	69015	SAUTKIN	VA	9- 532	MASER,LASER	28055			3-1707	KRISTALLE	65
	M	2-1380	PLASMA	57030	SAUTTER	JM	4- 838	BESCHLEUNIG	41010	SAWAGURI	T	10-1191	KERNREAKTIO	430
		8-1079	KERNSTRUKT.	42045	SAUVEGAU	P	8-1420	MOLEKUELE	52528	SAWAKI	T	5-1501	MOLEKUELE	52
		12-1824	PLASMA	57085	SAUVAL	A	11-3358	SonnenPHYS.	93310	SAWAMOTO	K	6-2150	DIELEKTRIKA	68
	N	4-2652	GRENZFL.FK	74580		AJ	11-3382	PLANETEN	93620	SAWAOKA	A	2-1863	MECH.EIG.FK	66
		5-1602	ATOME	52080	SAUZADE	M	4- 602	HF-TECHNIK	27560			4-1998	MECH.EIG.FK	66
		10-1706	PLASMA	57080			12-2993	FK-SPEKTREN	73355			7-2016	MECH.EIG.FK	66
		10-1713	PLASMA	57085	SAVADATTI	MI	9-1424	PLASMA	57010			8-2154	MAGN.EIG.FK	69
		11-1743	PLASMA	57080	SAVAGE	HT	1-2329	HALBLEITER	71520			9-1946	MECH.EIG.FK	66
		12-1805	PLASMA	57080			6-2284	MAGN.EIG.FK	69070			12-2367	MECH.EIG.FK	66
	S	2- 692	ELEMENTART.	41510		JC	8-2724	ERDKOERPER	90240	SAWATARI	Y	11-2762	HALBLEITER	71
		2-2604	DUENNE SCHI	74030		JW	7-2267	SUPRALEITG.	70520	SAWATZKY	A	6- 550	KERN-MESSG.	40
		8-2631	OPT.EIG.FK	73670		MD	2-1392	PLASMA	57080		GA	9-2372	FK-SPEKTREN	73
	T	3-1415	PLASMA	57085		WR	10-2824	GRENZFL.FK	74573			11-2423	MAGN.EIG.FK	69
		4-1645	PLASMA	57055			11-2449	MAGN.EIG.FK	69060	SAWCHUK	W	3- 626	PHYS.OPTIK	29
		5-1625	PLASMA	57203	SAVARD	JY	3-1648	KRISTALLE	65545	SAWCZUK	A	8-2046	MECH.EIG.FK	66
		6-1768	DISP.SYST.	59510	SAVATINNOVA	I	8-1439	MOLEKUELE	52540	SAWCHNEY	BC	2-1234	MOLEKUELE	52
		7-2769	IONOSPHERE	91020			9-2462	FK-SPEKTREN	73340		BK	8-1636	PLASMA	57
		8- 466	WAERME	24060	SAVCHENKO	AN	9-2540	FK-SPEKTREN	73380	SAWICKI	A	4- 804	KERN-MESSG.	40
		8-1920	KRISTALLE	65588		MA	1-2123	MAGN.EIG.FK	69030		B	5-1897	FK-SPEKTREN	73
		11-1670	PLASMA	57023			2-2089	MAGN.EIG.FK	69030		J	1-1009	KERNSTRUKT.	42
		11-3330	IONOSPHERE	91074			6-2331	LEITFHGK.FK	70056			1-1163	KERNREAKTIO	43
		12-1785	PLASMA	57060			10-2280	MAGN.EIG.FK	69030			5-1044	KERNSEKTR.	42
	Y	3-1773	KRIST.FEHL.	66025		MK	9-2650	DUENNE SCHI	74050			5-1897	FK-SPEKTREN	73
		3-1786	KRIST.FEHL.	66030		MM	1- 605	MASER,LASER	28060			6- 899	KERNSTRUKT.	42
		4- 165	VAKUUM	13025		OV	1- 739	KERN-MESSG.	40550			10-1118	KERNSEKTR.	42
		6-2005	KRIST.FEHL.	66076	SAVELEV	BY	10- 700	PHYS.OPTIK	29045			10-1189	KERNREAKTIO	43
		9- 59	LABORTECHN.	12515		GG	4- 505	THERMODYN.	24530			11-1088	KERNSEKTR.	42
SATOH	T	1-2149	MAGN.EIG.FK	69060		VA	9-1739	DISP.SYST.	59540			11-1094	KERNSEKTR.	42
		2-1924	THERMEIG.FK	67510		VG	7- 544	MASER,LASER	28045			12-1163	KERNSTRUKT.	42
SATPATHY	L	9- 954	KERNSEKTR.	42550	SAVELIEV	BA	3-2804	LUFTWELLE	90860			12-1174	KERNSTRUKT.	42
		10-1084	KERNSEKTR.	42545	SAVELJEVA	MV	9-2951	STERNE	94050	SAWIN	F	3-1886	MECH.EIG.FK	66
		11- 984	KERNSTRUKT.	42070	SAVELYEVA	AI	10-1001	STARKE WW.	41783	SAWODNY	W	9-1274	MOLEKUELE	52
SATTEN	RA	9-2443	FK-SPEKTREN	73330	SAVENKO	IA	3-2738	KOSM.STRLG.	90630	SAWYER	DE	9-2346	PHOTOLEITG.	72
		9-2558	OPT.EIG.FK	73610			3-2739	KOSM.STRLG.	90630		GA	4- 690	OPT.INSTRUM	28
		11-2893	FK-SPEKTREN	73340			3-2741	KOSM.STRLG.	90630			5-1658	PLASMA	57
SATTERFIELD DB		5-2029	MECH.EIG.FK	66516			3-2742	KOSM.STRLG.	90630			10- 649	OPT.INSTRUM	28
SATTERTHWAITE C.B.							3-2743	KOSM.STRLG.	90630		RA	1- 899	STARKE WW.	41
		4- 579	HF-TECHNIK	27540			6-1070	KERNREAKTIO	43054		RF	2- 854	STARKE WW.	41
SATTLER	AR	4-1325	KERNSTRHLG.	44030	SAVIC	P	9- 538	MASER,LASER	28060			11- 139	QUANTENTHEO	16
		7-1937	KRIST.FEHL.	66060	SAVILL	NG	5- 72	LABORTECHN.	12515			12- 256	QUANTENTHEO	16
SATYANARAYAN K.R.					SAVILLE	DA	5- 326	HYDRODYNAM.	23030	SAXE	RF	7-1963	KRIST.FEHL.	66
		11-2414	MAGN.EIG.FK	69040		G	2- 359	THERMODYN.	24533	SAXENA	RP	2- 833	STARKE WW.	41
SATYAYATI	AV	10- 411	AKUSTIK	23540			3- 367	THERMODYN.	24520			2- 841	STARKE WW.	41
SATZ	H	2- 864	STARKE WW.	41760	SAVIN	EP	6-2002	KRIST.FEHL.	66076			3- 790	STARKE WW.	41
		2- 889	STARKE WW.	41780		GM	1-2034	DIELEKTRIKA	68040			7- 889	STARKE WW.	41
		6- 741	STARKE WW.	41700		IA	11- 610	KERN-MESSG.	40560			8-1026	STARKE WW.	41
		8- 905	ELEMENTART.	41574			12- 848	KERN-MESSG.	40570			9- 876	STARKE WW.	41
SAU	J	10-1306	KERNREAKTIO	43080		MG	8- 508	ELEKTRODYN.	26500			11- 773	STARKE WW.	41
SAUCIER	H	6-1911	KRIST.FEHL.	66030			3-1062	KERNREAKTIO	43056			1- 426	WAERME	24
SAUDINOS	J	7-1139	KERNSEKTR.	42575	SAVINOV	EP	3-2582	OPT.EIG.FK	73650			1-1722	GASE	58
		10-1275	KERNREAKTIO	43058		EV	3-1889	MECH.EIG.FK	66550			2-1501	GASE	58
		11-1149	KERNSEKTR.	42570	SAVINTSEV	PA	10-2013	KRIST.FEHL.	66010			2-1506	GASE	58
SAUER	E	3-2314	SUPRALEITG.	70530			10-2014	KRIST.FEHL.	66010			2-1510	GASE	58
	HA	11-2250	THERMEIG.FK	67530			10-2072	KRIST.FEHL.	66070			2-1515	GASE	58
	K	7-1555	PLASMA	57075			11-2267	THERMEIG.FK	67556			2-1833	MECH.EIG.FK	66
	PU	7-1097	KERNSEKTR.	42555	SAVITSKAYA	LK	10-2094	MECH.EIG.FK	66516			3-1504	GASE	58
		11-1028	KERNSEKTR.	42540	SAVITSKII	AP	11-2163	MECH.EIG.FK	66500			3-1516	GASE	58
		12-1149	KERNSTRUKT.	42020		AV	8-2220	MAGN.EIG.FK	69065			3-1518	GASE	58
		4- 74	BUECHER	11030		EM	2-1618	KRISTALLE	65516			4-1742	GASE	58
		8- 38	BUECHER	11010		GA	11- 599	KERN-MESSG.	40532			5-2146	DIELEKTRIKA	68
		12- 82	BUECHER	11030		KV	4- 377	MECH.EIG.FK	66545		</			

B	1-1538	PLASMA	57017	SCHARENBERG RP	1-1099	KERNSEKTR.	42555	SCHERMER RI	9-1016	KERNREAKTIO	43040
	2-1436	PLASMA	57017		3- 970	KERNSEKTR.	42565		10-1240	KERNREAKTIO	43048
GA	12-1029	STARKE WW.	41730	SCHARENGUIVEL J.H.	3- 863	STARKE WW.	41767	SCHERPENZEEL W.J.	5-1858	KRISTALLE	65518
MD	8- 599	MASER, LASER	28055	SCHARER JE	1-1606	PLASMA	57055	SCHERZER O	7- 457	TEILCH.OPT.	27016
AT	6-1439	PLASMA	57045		1-1621	PLASMA	57055	SCHETT A	7- 133	QUANTENTHO	16516
DP	11-1254	KERNREAKTIO	43052	SCHARF O	6- 194	STATISTIK	17540	SCHUEUR JC	11- 888	STARKE WW.	41764
AR	12-1257	KERNSEKTR.	42560	H	4-1966	MECH.EIG.FK	66514	PAG	6-2968	KOSM.PHYSIK	94560
AA	5-2882	ASTROPHYSIK	93020	SCHARFETTER DL	9-2299	HALBLEITER	71540	PB	6- 312	THERMODYN.	24510
MI	9-1552	PLASMA	57250	SCHARFF B	7- 558	ELEMENTART.	41546	SCHWEI J	12-2976	FK-SPEKTREN	73355
SA	2-2543	OPT.EIG.FK	73635	SCHARFF GOLDBABER G	3- 966	KERNSEKTR.	42565	G	7-1918	KRIST.FEHL.	66035
TE	11-1140	KERNSEKTR.	42565		3- 967	KERNSEKTR.	42565	E	2- 745	ELEMENTART.	41574
VA	4-2519	OPT.EIG.FK	73645		9- 941	KERNSEKTR.	42545		12- 968	ELEMENTART.	41574
MD	6- 766	STARKE WW.	41725	SCHARFMAN WE	12-1842	PLASMA	57203	SCHICHLER B	1-2643	GRENZFL.FK	74530
	7- 966	STARKE WW.	41755	SCHARFSTEIN H	2- 145	QU.FELDTHEO	17010	SCHICK AML	7-2965	SEHEN	96610
	8- 249	QU.FELDTHEO	17010	SCHARMANN A	6- 39	BUECHER	11020	LH	1- 870	STARKE WW.	41735
DJ	4-2368	HALBLEITER	71570		6- 42	BUECHER	11020		1- 970	STARKE WW.	41790
	7-2263	SUPRALEITG.	70520		6- 423	MASER, LASER	28055	M	2- 893	STARKE WW.	41790
	10-2307	MAGN.EIG.FK	69060		8-1170	ATOME	52024		10-2338	LEITFHKG.FK	70010
	11-2574	LEITFHKG.FK	70056		7-2669	GRENZFL.FK	74570		11-2528	LEITFHKG.FK	70010
JL	11-2739	HALBLEITER	71566		8- 585	MASER, LASER	28045	WD	11-2228	THERMIEG.FK	67510
B	8- 115	LABORTECHN.	12525		8-2625	OPT.EIG.FK	73655	D	6-1681	FLUESSIGK.	85840
JH	4- 949	STARKE WW.	41735	SCHARPEN LH	12-1676	MOLEKUELE	52575	M	3-2148	MAGN.EIG.FK	69060
JG	12-1619	MOLEKUELE	52536	SCHARTNER KH	1-1482	MOLEKUELE	52543		10-2243	MAGN.EIG.FK	69020
JJG	9- 832	STARKE WW.	41740		6-1170	ATOME	52024		11-2461	MAGN.EIG.FK	69060
JO	7- 34	TAGUNGEN	10535	SCHASCHER E	12-1676	MOLEKUELE	52575		11-2472	MAGN.EIG.FK	69060
JH	12-3414	PLANETEN	93640	SCHATT W	7-1750	FLUESSIGK.	58557	MM	2-1606	KRISTALLE	65510
JP	7-1001	KERNSTRUKT.	42010	SCHATT KH	2-1688	KRISTALLE	65578	R	7-1597	PLASMA	57235
	12-1146	KERNSTRUKT.	42010	EA	2-1834	MECH.EIG.FK	66516	L	8-1461	MOLEKUELE	52575
	5- 387	WAERME	24050	G	5-2804	GEOMAGNET.	90440		11-3392	STERNE	94000
JF	9- 99	VAKUUM	13030	PN	10-819	BESCHLEUNIG	41040	G	7-1651	GASE	58020
JL	6- 596	KERN-MESSG.	40552	SCHATZBERG P	10-2699	OPT.EIG.FK	73610	WC	3- 216	STATISTIK	17520
	11-1200	KERNREAKTIO	43022		5- 68	LABORTECHN.	12510		4- 289	STATISTIK	17520
FL	9-2814	IONOSPHERE	91074	SCHATZMAN E	6-1271	MOLEKUELE	52514	D	10- 457	THERMODYN.	24550
	9-2815	IONOSPHERE	91076		3-2860	SONNENPHYS.	93326		5-1742	FLUESSIGK.	58525
JD	11-1688	PLASMA	57040		6-2923	STERNE	94040		6- 782	STARKE WW.	41735
C	7-2906	STERNE	94060		8-2928	STERNE	94020	H	11- 822	STARKE WW.	41735
R	9-2534	FK-SPEKTREN	73380	SCHAUB R	2-1505	GASE	58025	J	8-1031	STARKE WW.	41764
B	12- 390	ELASTIZIT.	22510	SCHAUER W	7-2843	SONNENPHYS.	93320	LI	3- 841	STARKE WW.	41760
EF	2-1053	KERNREAKTIO	43054	SCHAUFEL RF	10-3123	KOSM.PHYSIK	94586	M	6-1100	STARKE WW.	41773
JM	5- 886	STARKE WW.	41725		6- 947	KERNSEKTR.	42550	JP	4-1203	KERNSEKTR.	42550
	8-1042	STARKE WW.	41770	SCHAUB R	4-2191	MAGN.EIG.FK	69065		7-1203	KERNREAKTIO	43062
L	11- 893	STARKE WW.	41767	SCHAUER W	2-2497	FK-SPEKTREN	73340		8-1209	KERNREAKTIO	43066
	7-2922	KOSM.PHYSIK	94530		2-2498	FK-SPEKTREN	73340	BM	12-1281	KERNSEKTR.	42570
	8-2977	KOSM.PHYSIK	94530	SCHAUMBURG K	8-1514	POLYMERE	53535		5- 622	OPT.INSTRUM	28540
	10-3089	KOSM.PHYSIK	94530	SCHAWLOW AL	9- 474	HF-TECHNIK	27560	G	11-1162	KERNREAKTIO	43005
	12-3306	KOSM.STRLG.	90630		9-2438	FK-SPEKTREN	73330	K	5- 187	QUANTENTHO	16582
DM	12-3402	PLANETEN	93613	SCHEARER LD	9-2439	FK-SPEKTREN	73330		8-1034	STARKE WW.	41764
S	5-2481	HALBLEITER	71540		3-1166	ATOME	52065		11- 714	ELEMENTART.	41546
B	9-2303	HALBLEITER	71540	SCHECHTER D	9-1235	ATOME	52075	A	11- 882	STARKE WW.	41764
	9-2421	FK-SPEKTREN	73330		12-2989	FK-SPEKTREN	73355	J	12- 229	QUANTENTHO	16572
	9-2422	FK-SPEKTREN	73330		3-2062	FK-SPEKTREN	73355		1- 492	ELEKTRODYN.	26540
LJ	3-1122	ATOME	52010	DE	3-2440	HALBLEITER	71580		6- 466	OPT.INSTRUM	28540
	3-1212	MOLEKUELE	52512	J	11-2559	LEITFHKG.FK	70038	R	8-2936	STERNE	94040
	11-1487	MOLEKUELE	52510		9- 693	BESCHLEUNIG	41010	RE	11- 398	TEILCH.OPT.	27068
	11-1504	MOLEKUELE	52514		1- 770	ELEMENTART.	41510	D	2- 748	ELEMENTART.	41576
W	5- 29	BUECHER	11000		2- 706	ELEMENTART.	41546	RD	3- 58	LABORTECHN.	12510
	5-1504	POLYMERE	53525		4- 880	STARKE WW.	41764	CK	12-2712	SUPRALEITG.	70530
	5-1811	FLUESSIGK.	58565		4- 881	ELEMENTART.	41546	DH	3- 800	STARKE WW.	41725
	10- 418	AKUSTIK	23595	RS	11- 687	ELEMENTART.	41540		8- 267	QU.FELDTHEO	17025
	6- 369	TEILCH.OPT.	27054	F	7-1723	FLUESSIGK.	58540	H	11- 739	ELEMENTART.	41574
RE	6-2840	IONOSPHERE	91074		5- 954	STARKE WW.	41760	R	7- 991	STARKE WW.	41775
R	10-2413	SUPRALEITG.	70500	SCHECK	5-1118	KERNREAKTIO	43020		6-1152	KERNSTRHLG.	44033
GE	3-1943	GITTERDYN.	70600		6-1034	KERNREAKTIO	43030		6-1153	KERNSTRHLG.	44033
	7-1975	MECH.EIG.FK	66514	SCHEDEWIE FJ	8-1018	STARKE WW.	41760	S	12- 336	FELDTHEORIE	18020
M.	5-1736	FLUESSIGK.	58520	JF	9-2422	FK-SPEKTREN	73350		5-2131	THERMIEG.FK	67556
K	12-1561	ATOME	52070	JA	9-2421	FK-SPEKTREN	73350	G	11-1099	KERNSEKTR.	42555
D	2- 114	K-REAKTOREN	43520		11-1037	KERNSEKTR.	42540	GF	11-3379	PLANETEN	93610
O	6- 318	THERMODYN.	24554	SCHEER	1-1241	KERNREAKTIO	43062	H	9- 622	PHYS.OPTIK	29060
S	6-2027	MECH.EIG.FK	66545		4-1259	KERNREAKTIO	43064	W	8-1987	KRIST.FEHL.	66065
WH	10- 527	HF-TECHNIK	27530		7- 770	KERN-MESSG.	40527	WA	12- 573	HF-TECHNIK	27540
DH	11- 619	KERN-MESSG.	40570		8-1225	KERNREAKTIO	43064		2-2232	LEITFHKG.FK	70056
FP	5- 544	MASER, LASER	28040		10-1222	KERNREAKTIO	43044		7-2231	LEITFHKG.FK	70056
	5-1831	FLUESSIGK.	58573	JJ	4-2235	LEITFHKG.FK	70028	FJ	3- 952	KERNSEKTR.	42555
	10- 561	MASER, LASER	28040	M	6-1154	KERNSTRHLG.	44035	H	11- 35	BUECHER	11040
	10-2712	OPT.EIG.FK	73630	MD	3-2696	GRENZFL.FK	74583		4- 448	AKUSTIK	23530
	11- 445	MASER, LASER	28040		9-2696	GRENZFL.FK	74566	J	8- 363	ELASTIZIT.	22530
	2- 644	KERN-MESSG.	40522	SCHEERER J	12-1979	FLUESSIGK.	58530	W	10- 768	BESCHLEUNIG	41040
HJ	5-3001	STRAHL.BIOL	97010	A	11- 421	HF-TECHNIK	27540	G	6-2622	DUENNE SCHI	74010
K	4-1751	GASE	58025	SCHEGGI A	11-1643	POLYMERE	53546	B	11- 63	VAKUUM	13025
KD	5- 663	PHYS.OPTIK	29015	SCHIEBE B	3-1086	KERNREAKTIO	43080		11-3164	GRENZFL.FK	74535
	8- 696	PHYS.OPTIK	29015		11-1039	KERNSEKTR.	42540	AI	4-2132	FK-SPEKTREN	73360
R	3- 863	STARKE WW.	41767	SCHEIBLING F	2-2688	GRENZFL.FK	74576		7-2294	METAL.LEITG	71010
W	12- 147	VAKUUM	13020		2-1417	PLASMA	57203		7-2376	THERMOELEKT	72010
III H.F.	10-1388	ATOME	52010	SCHEIBNER EJ	11-1958	DISP.SYST.	59540		9-1993	THERMIEG.FK	67510
W.	6-1144	KERNSTRHLG.	44010	H	2- 814	STARKE WW.	41740	ER	12- 372	MECHANIK	22010
F	2- 414	TEILCH.OPT.	27016	SCHEID J	6- 895	KERNSTRUKT.	42075		9- 500	MASER, LASER	28040
B	6-1911	KRIST.FEHL.	66030	W	5- 238	STATISTIK	17540	DJ	10-2620	FK-SPEKTREN	73355
BM	3-2316	SUPRALEITG.	70540	SCHEIDEGGER AE	7-2686	ERDKOERPER	90235		5-2239	MAGN.EIG.FK	69025
OA	6- 906	KERNSEKTR.	42515		7-2694	ERDKOERPER	90260		11-2443	MAGN.EIG.FK	69060
	11- 728	ELEMENTART.	41550	SCHEIE CE	2-1817	MECH.EIG.FK	66514	J.	4-1217	KERNREAKTIO	43044
	12-1256	KERNSEKTR.	42560	SCHAIMAN MA	9-1701	FLUESSIGK.	58565	HE	11-1376	KERNSTRHLG.	44030
R	11-1239	KERNREAKTIO	43050	SCHAIMBAUER P	2-1039	KERNREAKTIO	43048	JE	2-2205	LEITFHKG.FK	70026
RC	7-2785	IONOSPHERE	91050		3- 990	KERNSEKTR.	42570		3-1895	MECH.EIG.FK	66556
HJ	11- 276	HYDRODYN.	23015		6- 612	KERN-MESSG.	40580		5-2347	LEITFHKG.FK	70035
C	11-1200	KERNREAKTIO	43022	SCHEITLIN FM	2- 991	KERNSEKTR.	42570		8-2255	LEITFHKG.FK	70024
O	3-2688	GRENZFL.FK	74573	SCHellenberg L	6- 962	KERNSEKTR.	42560		9- 58	LABORTECHN.	12515
EMEN VON J	6- 642	BESCHLEUNIG	41040	SCHellenberger G.					11-2969	FK-SPEKTREN	73370
RH	7- 124	MATH.PHYSIK	16020		8-2771	LUFTHUELLE	90850		12-2618	LEITFHKG.FK	70024
HA	7-2340	HALBLEITER	71540	SCHELLER K	8- 636	OPT.INSTRUM	28535	D	2-1444	PLASMA	57250
PM	8-2652	DUENNE SCHI	74040	SCHELTEN J	7-2677	GRENZFL.FK	74576	G	2-1019	KERNREAKTIO	43044
P	5-2569	FK-SPEKTREN	73325	SCHENCK A	11-1106	KERNSEKTR.	42560	W	9-2509	FK-SPEKTREN	73370
H	9- 990	KERNSEKTR.	42570	SCHENK A	6-1187	ATOME	52030	FJ	7-1972	MECH.EIG.FK	66514
LA	7-1222	KERNREAKTIO	43075	SCHENKEL FW	9-2654	DUENNE SCHI	74060		12- 900	BESCHLEUNIG	41040
E	3-2131	MAGN.EIG.FK	69045	SCHENZ C	2-2299	METAL.LEITG	71010	JF	8- 903	ELEMENTART.	41574
	10- 524	HF-TECHNIK	27520	SCHERER C	8- 796	KERN-MESSG.	40555	LJ	7- 612	OPT.INSTRUM	28530
JP	10-1287	KERNREAKTIO	43064	JR	1- 79	LABORTECHN.	12550		4-1773	FLUESSIGK.	58530
GT	8-1737	FLUESSIGK.	58525	L	1-2723	KOSM.STRLG.	90643		2-1843	MECH.EIG.FK	66545
	10- 369	HYDRODYN.	23020	SCHERK L	1-1033	KERNSEKTR.	42520	DB	9- 693	BESCHLEUNIG	41010

SCHLAG - SCHOPPER

SCHLAG	EW	8-1475	MOLEKUELE	52575	SCHMIDT	H	12-3292	GEOMAGNET.	90440	SCHNEIDER	M	4-2320	HALBLEITER	71	
		11-1573	MOLEKUELE	52575		HH	6-1610	GASE	58040			4-2660	ERDKOERPER	90	
		11-1574	MOLEKUELE	52570		HU	3-2870	PLANETEN	93620	RF	11-1522	MOLEKUELE	52		
SCHLAK	GA	7-2710	GEOMAGNET.	90460			6-2887	PLANETEN	93620	S	5-2131	THERMIEG.FK	67		
SCHLECHT	RG	11-1771	PLASMA	57093	J		2-2438	PHOTOLEITG.	72510	SJ	6-2138	THERMIEG.FK	67		
SCHLEGEL	AA	8-1516	POLYMERE	53535			12-2763	HALBLEITER	71530	T	4-1786	FLUESSIGK.	58		
	ES	9-2260	HALBLEITER	71500	KH		9-2964	KOSM.PHYSIK	94520		4-2233	LEITFHGK.FK	70		
	OK	5-1165	KERNREAKTIO	43066	LD		3-2671	GRENZFL.FK	74535		6-1750	FLUESSIGK.	58		
SCHLEICH	F	11- 389	TEILCH.OPT.	27016			12-3236	GRENZFL.FK	74535		6-2292	LEITFHGK.FK	70		
SCHLEIGER	ER	8- 737	PHYS.OPTIK	29066	M		4-2891	KOSM.PHYSIK	94560		6-2398	METAL.LEITG	71		
SCHLEIN	H	10-1803	FLUESSIGK.	58510			5- 790	ELEMENTART.	41500		7-1807	KRISTALLE	69		
	PE	2- 798	STARKE WW.	41730			5-1144	KERNREAKTIO	43048	U	4- 347	MECHANIK	22		
		5- 864	STARKE WW.	41710			6-2951	KOSM.PHYSIK	94530	W	3-2238	LEITFHGK.FK	70		
		5- 865	STARKE WW.	41710			7- 649	OPT.INSTRUM	28556		4- 255	QUANTENTHEO	16		
		12-1045	STARKE WW.	41740			12-3478	KOSM.PHYSIK	94560		11- 315	HYDRODYNAM.	23		
SCHLEINKOFER	R	7-1494	POLYMERE	53540	PH		10-2276	MAGN.EIG.FK	69030	WE	3- 578	OPT.INSTRUM	28		
SCHLENKER	C	10-2331	MAGN.EIG.FK	69070	PW		1-1801	BIOPHYSIK	96000						
		11-3141	DUEENNE SCHI	74050			7- 695	PHYS.OPTIK	29048	SCHNEIDERMAN	A.M.	12-1861	PLASMA	57	
	M	11-2409	MAGN.EIG.FK	69040			12-2084	DISP.SYST.	59510	SCHNEIDERREIT	R.				
SCHLESINGER	M	4-2525	OPT.EIG.FK	73655			12-2158	KRISTALLE	65572			8- 141	VAKUUM	13	
		7-1815	KRISTALLE	65545	TE		5- 23	TAGUNGEN	10530	SCHNELLER	JW	1- 453	THERMODYN.	24	
		10-2748	DUEENNE SCHI	74010	U		9-1964	GITTERDYN.	67040	SCHNEPP	O	3-2225	LEITFHGK.FK	70	
	Y	3- 111	MATH.PHYSIK	16020	V		8- 754	KERN-MESSG.	40518			3-2520	FK-SPEKTREN	73	
SCHLESSINGER	L	10- 218	QUANTENTHEO	16578	VA		8-2208	MAGN.EIG.FK	69060			3-2521	FK-SPEKTREN	73	
SCHLEUSENER	S	3- 546	MASER,LASER	28060	VH		6-1871	KRIST.FEHL.	66010			3-2522	FK-SPEKTREN	73	
SCHLICH	R	1-2701	GEOMAGNET.	90450			7-2119	DIELEKTRIKA	68030	SCHNETTLER	FJ	11-1546	MOLEKUELE	52	
		4-2689	GEOMAGNET.	90450	YV		5-2391	SUPRALEITG.	70510			7-2159	MAGN.EIG.FK	69	
		4-2691	GEOMAGNET.	90450	W		2- 742	ELEMENTART.	41574	SCHNEUWLY	H	6- 962	KERNSPEKTR.	42	
SCHLICHTING	U	2-2396	HALBLEITER	71570			2- 751	ELEMENTART.	41576	SCHNIER	C	10-1360	K-REAKTOREN	43	
SCHLICKMAN	JJ	10-2403	OPT.EIG.FK	73605			2- 756	ELEMENTART.	41586	SCHNITZER	HJ	1- 806	ELEMENTART.	41	
SCHLIEDER	S	8- 193	QUANTENTHEO	16523			3- 689	KERN-MESSG.	40532			2- 780	STARKE WW.	41	
SCHLIEPHAKE	RW	1- 626	OPT.INSTRUM	28535			5- 544	MASER,LASER	28040			2- 840	STARKE WW.	41	
SCHLIER	C	4-1410	ATOME	52065			8- 896	ELEMENTART.	41574			5- 969	STARKE WW.	41	
		7-1968	KRIST.FEHL.	66079			10- 561	MASER,LASER	28040			8-1030	STARKE WW.	41	
SCHLITT	DW	8- 219	QUANTENTHEO	16575			11- 445	MASER,LASER	28040			9- 868	STARKE WW.	41	
		11- 779	STARKE WW.	41720			12- 958	ELEMENTART.	41574			11- 891	STARKE WW.	41	
SCHLOEGL	F	5- 152	QUANTENTHEO	16523	WF		10-1375	KERNSTRHLG.	44020	SCHNITZKE	K	3-2160	MAGN.EIG.FK	69	
		6- 183	STATISTIK	17520			8-3038	STRAHL.BIOL	97010			5-2289	MAGN.EIG.FK	69	
SCHLOEMANN	E	8-2206	MAGN.EIG.FK	69060	SCHMIDT	BURBACH	G.			SCHNITZLER	P	5-2715	DUEENNE SCHI	74	
		8-2207	MAGN.EIG.FK	69060			7-1125	KERNSPEKTR.	42565	SCHNIZER	B	10- 806	BESCHLEUNIG	41	
		10-2635	FK-SPEKTREN	73360	SCHMIDT	NIELSEN	B.			SCHNUERER	E	2-1897	GITTERDYN.	67	
SCHLOSSER	E	5-1505	POLYMERE	53535			5-1169	KERNREAKTIO	43080	SCHNUPP	P	3-2426	HALBLEITER	71	
SCHLUEPMANN	K	9- 835	STARKE WW.	41740			11-1082	KERNSPEKTR.	42555			10-2494	HALBLEITER	71	
		12-1046	STARKE WW.	41740			12- 338	FELDTHEORIE	18030	SCHNURMACH	G.L.				
SCHLUETER	A	2-1362	PLASMA	57042	SCHMIDT	PARZEFALL	W.					12- 840	KERN-MESSG.	40	
	D	3-1151	PLASMA	57096			6- 600	KERN-MESSG.	40560	SCHNURMANN	R	9- 283	HYDRODYNAM.	23	
	H	9-1522	PLASMA	57093	SCHMIDT	ROHR	U			SCHOB	H	7-2970	SEHEN	96	
	J	10-1741	PLASMA	57256			6-1007	KERNREAKTIO	43000	SCHOCK	RM	8-2045	MECH.EIG.FK	66	
SCHLUMBOHM	H	2-1486	GASENTLADG.	57850			7-1208	KERNREAKTIO	43064	SCHOEFL	O	7-2876	PLANETEN	93	
		9-1214	ATOME	52065			10-1279	KERNREAKTIO	43060	SCHOEFL	F	11- 175	STATISTIK	17	
		12-1543	ATOME	52065	SCHMIDTKE	HH		11-1293	KERNREAKTIO	43060	SCHOEN	LJ	5- 613	OPT.INSTRUM	28
SCHLUP	WA	10-2474	HALBLEITER	71540	SCHMIED	H		12-2131	KRISTALLE	65545	SCHOENAUER	H	12- 896	BESCHLEUNIG	41
SCHLUPF	JP	5-1827	FLUESSIGK.	58573			4- 443	AKUSTIK	23920			1- 348	HYDRODYNAM.	23	
SCHMAKPFFER	A.						4-1738	GASENTLADG.	57870	SCHOENBACH	K	8-1613	PLASMA	57	
		5- 543	MASER,LASER	28040			12- 522	ELEKTRIZIT.	26040	SCHOENBALL	R	8-1765	FLUESSIGK.	58	
SCHMAHL	G	3-2857	SONNENPHYS.	93324	SCHMILLEN	A		11-1524	MOLEKUELE	52524	SCHOENBERG	M	1- 262	FELDTHEORIE	18
SCHMALZRIED	H	9-1832	KRIST.FEHL.	66010	SCHMINDER	R		7-2743	LUFTHUELLE	90840		8-1049	STARKE WW.	41	
SCHMATZ	W	9-1145	KERNSTRHLG.	44010	SCHMITT	A		11- 845	STARKE WW.	41740	SCHOENBORN	M	5-1783	FLUESSIGK.	58
		12-2183	KRISTALLE	65576			1-1090	KERNSPEKTR.	42550	SCHOENE	H	3- 35	BUECHER	11	
SCHMEISING	HN	2-2218	KRIST.FEHL.	66030			6- 817	STARKE WW.	41764	SCHOENEBECK	R	9-1796	KRISTALLE	65	
SCHMEISSNER	F	7- 792	KERN-MESSG.	40555			12-1380	KERNREAKTIO	43075	SCHOENEBOER	R	9- 966	KERNSPEKTR.	42	
SCHMELING	P	2-1740	KRIST.FEHL.	66025	H		3- 811	STARKE WW.	41735	SCHOENERT	HJ	10- 459	THERMODYN.	24	
		5-1939	KRIST.FEHL.	66025			5-1008	KERNSTRUKT.	42030	SCHOENFELD	A	5-1506	POLYMERE	53	
SCHMELTEKOPF	A.L.						6- 916	KERNSPEKTR.	42540	SCHOENHERR	E	5-2615	FK-SPEKTREN	73	
		2-1346	PLASMA	57010			9- 324	HYDRODYNAM.	23060			7-2305	HALBLEITER	71	
		5-1324	ATOME	52065			10-1401	ATOME	52022	SCHOENHUBER	HJ	7- 102	VAKUUM	13	
		10-2997	PLANETEN	93610			10-1402	ATOME	52022	SCHOENIG	FC	9-1139	KERNSTRHLG.	44	
SCHMELTEKOPF	AL	A.L.					11-1415	ATOME	52022	SCHOENING	FRL	3-1675	KRISTALLE	69	
		7-1457	MOLEKUELE	52570	J		5- 370	AKUSTIK	23570	SCHOEP	OK	6-2385	SUPRALEITG.	70	
SCHMELTZER	RA	5- 656	PHYS.OPTIK	29010	JL		10-3094	KOSM.PHYSIK	94550	SCHOEPE	W	3-1554	FLUESSIGK.	58	
SCHMELZ	H	6-1047	KERNREAKTIO	43044	R		11-1332	KERNREAKTIO	43080			11-1892	FLUESSIGK.	58	
SCHMELZBACH	PA	11-1446	ATOME	52065			12-1397	KERNREAKTIO	43080	SCHOEPP	HG	6-1917	KRIST.FEHL.	66	
SCHMELZER	C	5-1473	ATOME	52085	SCHMITTROTH	FA		3-1043	KERNREAKTIO	43054		11- 232	FELDTHEORIE	18	
		12-1675	MOLEKUELE	52575	SCHMITZ	F		11- 54	LABORTECHN.	12550		12- 500	THERMODYN.	24	
SCHMERLING	ER	10-2928	IONOSPFAERE	91045			3- 224	STATISTIK	17530			12-2264	KRIST.FEHL.	66	
SCHMICKLEY	RD	7-1361	ATOME	52075			3- 764	ELEMENTART.	41574	SCHOETT	W	1-1080	KERNSPEKTR.	42	
SCHMID	A	1- 237	STATISTIK	17560			8- 968	STARKE WW.	41730	SCHOETTLE	V	10-1813	FLUESSIGK.	58	
		10-2447	METAL.LEITG	71000			1- 954	STARKE WW.	41764	SCHOETZIG	U	4-1077	KERNSPEKTR.	42	
	C	2- 879	STARKE WW.	41764			W	2-2121	MAGN.ETG.FK	69045	SCHOFFA	G	9-1324	MOLEKUELE	52
		9- 489	MASER,LASER	28035	SCHMITZ	PRANGHE	N.			SCHOFIELD	D	6- 256	HYDRODYNAM.	23	
		9- 856	STARKE WW.	41755			2-1694	KRISTALLE	65582		DG	5- 579	MASER,LASER	28	
		10- 895	STARKE WW.	41725	SCHMUESER	P		5- 836	ELEMENTART.	41574		P	9-1142	KERNSTRHLG.	44
		10- 963	STARKE WW.	41755			6- 721	ELEMENTART.	41574			10-1371	KERNSTRHLG.	44	
		12- 997	STARKE WW.	41720			8- 904	ELEMENTART.	41574	SCHOIJET	M	11- 205	STATISTIK	17	
	D	8-2610	OPT.EIG.FK	73640			1- 540	MASER,LASER	28020			11-2071	KRIST.FEHL.	66	
	EW	9- 136	QUANTENTHEO	16530	SCHNABEL	E		5-2358	LEITFHGK.FK	70053		11-2072	KRIST.FEHL.	66	
	G	1- 311	ELASTIZIT.	22510	SCHNAKENBERG	J		3- 298	HYDRODYNAM.	23020	SCHOKNECHT	G	5-3002	STRAHL.BIOL	97
	H	5-1141	KERNREAKTIO	43046	SCHNECK	P		1- 958	STARKE WW.	41764	SCHOLL	NC	8- 134	LABORTECHN.	12
	J	5- 389	WAERNE	24050	SCHNEEGANS	MA		7- 420	THERMODYN.	24552	SCHOLLMEIER	G.H.J.			
	LA	3-1329	PLASMA	57035	SCHNEEWEISS	C		12-3346	IONOSPFAERE	91020			4- 608	MASER,LASER	28
		8-1591	PLASMA	57040	SCHNEIBLÉ	DE		4-1248	KERNREAKTIO	43056	SCHOLTE	G	12- 484	WAERNE	24
		8-1592	PLASMA	57040	SCHNEID	EJ		11-1093	KERNSPEKTR.	42555		TG	9-1396	POLYMERE	53
SCHMID BURCK	J	3-2891	STERNE	94020			4- 63	BUECHER	11010			9-1397	POLYMERE	53	
SCHMIDLE	NW	12- 342	FELDTHEORIE	18040	SCHNEIDER	F		7- 605	OPT.INSTRUM	28523	SCHOLZ	AH	10-2016	KRIST.FEHL.	66
SCHMIDLIN	H	11-2553	LEITFHGK.FK	70028			7-2375	THERMOELEKT	72010		M	5-2923	STERNE	94	
SCHMIDT	AJ	5- 551	MASER,LASER	28040			8- 692	PHYS.OPTIK	29015		P	7-2661	GRENZFL.FK	74	
	AK	10-1256	KERNREAKTIO	43054			1- 43	BUECHER	71010		PD	1-1641	PLASMA	57	
	B	2- 56	VAKUUM	13030			4- 792	KERN-MESSG.	40520		W	11-1069	KERNSPEKTR.	42	
		2- 198	FELDTHEORIE	18010			7-2452	FK-SPEKTREN	73335	SCHONBERG	E	2- 850	STARKE WW.	41	

PER H	6- 582 KERN-MESSG.	40527	SCHROER B	9- 158 QUANTENTHEO	16578	SCHULZ M	6-1802 KRISTALLE	65578
	6- 600 KERN-MESSG.	40560		12- 269 QU-FELDTHEO	17010		11-2572 LEITFHKG.FK	70056
	12- 897 BESCHLEUNIG	41040	SCHROETER EH	7-2849 SONNENPHYS.	93324		12- 462 AKUSTIK	23520
	12- 898 BESCHLEUNIG	41040	F	12- 28 BIOGRAPHIEN	10220		12-1809 PLASMA	57080
RA	6-2884 PLANETEN	93610	W	2-2315 HALBLEITER	71520	MB	2-2036 FK-SPEKTREN	73355
	8-2876 PLANETEN	93613	SCHROETTER HW	5-1421 MOLEKUELE	52540		5- 367 AKUSTIK	23570
	9-2993 KOSM-PHYSIK	94560	SCHRUM DC	11-2536 LEITFHKG.FK	70020	N	3- 912 KERNSPEKTR.	42530
SCHOFF G	11- 820 STARKE WW.	41735	SCHRYBER U	7-1328 ATOME	52065		10-1102 KERNSPEKTR.	42545
ANDUS DJ	10- 903 STARKE WW.	41725	SCHUBART J	10- 334 MECHANIK	22010		10-1115 KERNSPEKTR.	42550
	8- 944 STARKE WW.	41725	SCHUBELIN P	5- 973 STARKE WW.	41764		10-1265 KERNREAKTIO	43054
LAND RM	10-2951 ASTROPHYSIK	93020	SCHUBERT ED	10-3133 HOEREN	96310		12-1223 KERNSPEKTR.	42545
SMANS L	1-1003 KERNSTRUKT.	42070	G	5-2874 MAGN.-PHYS.	91280	P	4- 69 BUECHER	11020
	6-1997 KRIST.FEHL.	66073		10-3051 SIEMEN	94030		5-1281 ATOME	52045
	12-1205 KERNSPEKTR.	42540		12- 423 HYDRODYNAM.	23020		12-1718 PLASMA	57000
FW	1- 527 HF-TECHNIK	27530	GU	11-1898 FLUESSIGK.	58527	R	4-2640 GRENZFL.FK	74570
L	5-1618 PLASMA	57203	H	5- 449 THERMODYN.	24556	SCG	10- 429 WAERME	24040
M	3-1252 MOLEKUELE	52560	KR	2-1083 KERNREAKTIO	43085	SCHULZ DUBOIS E.O.		
	4-2242 LEITFHKG.FK	70053		6- 915 KERNSPEKTR.	42540		2-2100 MAGN.EIG.FK	69035
TE KD	12-2681 LEITFHKG.FK	70074	SCHUCH AF	12- 594 MASER,LASER	28040	SCHULZE CE	5- 67 LABORTECHN.	12510
TMILLER J.C.				8-1898 KRISTALLE	65582	D	6-1795 KRISTALLE	65518
	11-3091 DUENNE SCHI	74040	SCHUCHERT H	5-2581 FK-SPEKTREN	73330		6-2038 MECH.EIG.FK	66540
	11-3146 DUENNE SCHI	74060		9-2415 FK-SPEKTREN	73325		6-2039 MECH.EIG.FK	66545
TE VANNECK C.A.				11-2855 FK-SPEKTREN	73325	GER	2- 28 BUECHER	11010
	8-2811 IONOSPHERE	91074	SCHUCHMAN JC	9- 98 VAKUUM	13030		4-1880 KRISTALLE	65572
	10-2934 IONOSPHERE	91072	SCHUE F	7-1487 POLYMERE	53530		6-1848 KRISTALLE	65576
WALTER WR	11-1957 DISP.SYST.	59530	SCHUEBELIN P	1- 743 KERN-MESSG.	40560		8-1913 KRISTALLE	65588
ODER B	2-1264 MOLEKUELE	52540		1- 953 STARKE WW.	41764		9-1936 MECH.EIG.FK	66545
DM	2- 388 ELEKTRODYN.	26510	SCHUECKING E	3- 263 FELDTHEORIE	18040		12- 65 TAGUNGEN	10560
	3-1294 MOLEKUELE	52556	EL	8-3013 KOSM-PHYSIK	94583	H	1- 95 VAKUUM	13022
R	4- 255 QUANTENTHEO	16588	SCHUEGERL K	2-2891 HOEREN	96310		4- 459 AKUSTIK	23550
	5- 135 QUANTENTHEO	16516		11- 63 VAKUUM	13025		9-2510 FK-SPEKTREN	73370
MM A	7-2645 GRENZFL.FK	74535		11-3164 GRENZFL.FK	74535	HJ	1- 70 LABORTECHN.	12520
	7-2646 GRENZFL.FK	74530	SCHUELE DE	5-2020 MECH.EIG.FK	66514	HW	7-2110 DIELEKTRIKA	68010
DC	6-1509 PLASMA	57085	WJ	11-2476 MAGN.EIG.FK	69060	KJ	2-1789 KRIST.FEHL.	66060
K	10- 504 ELEKTRODYN.	26595	W	5-2448 KERN-MESSG.	40520	L	8-3026 BIOPHYSIK	96040
PPJ	1-1602 PLASMA	57055	SCHUELKE L	5-1118 KERNREAKTIO	43020	P	11-2020 KRISTALLE	65572
	5-1552 PLASMA	57040	W	7-2409 FK-SPEKTREN	73315	R	4- 655 OPT.INSTRUM	28500
MEL P	10-1064 KERNSPEKTR.	42540	WW	4- 167 LABORTECHN.	12570	RG	1- 474 ELEKTRIZIT.	26060
ML J	7-2915 KOSM-PHYSIK	94520	SCHUEMMER P	4-1781 FLUESSIGK.	58540	W	8- 37 BUECHER	11010
	9-2982 KOSM-PHYSIK	94550	SCHUEMMER HW	1- 677 PHYS.OPTIK	29038	SCHUMACHER BW	12- 684 OPT.INSTRUM	28550
MM DN	7-1199 KERNREAKTIO	43056		2- 625 PHYS.OPTIK	29080	D	5-1993 KRIST.FEHL.	66065
	8-1234 KERNREAKTIO	43075	SCHUERMEYER FL	11-3148 DUENNE SCHI	74060		10-2022 KRIST.FEHL.	66020
J	8-1322 ATOME	52040	SCHUETTE D	10-1041 KERNSTRUKT.	42070		10-2049 KRIST.FEHL.	66062
KH	10-1648 PLASMA	57015	G	6-1178 ATOME	52040		12-2225 KRIST.FEHL.	66015
W	2- 47 LABORTECHN.	12510		6-1191 ATOME	52035	DP	6-1813 KRISTALLE	65545
	7- 62 LABORTECHN.	12500		6-1198 ATOME	52045		10-1935 KRISTALLE	65545
MNKL W	6- 818 STARKE WW.	41764	SCHUETTLE R	5-1700 GASE	58025	J	2- 491 MASER,LASER	28055
	8- 968 STARKE WW.	41730	SCHUETZ HA	3- 764 ELEMENTART.	41574	M	5-1096 KERNSPEKTR.	42570
ATTER JJ	7-2505 FK-SPEKTREN	73370	SCHUETZ HA	6- 298 WAERME	24040	SCHUMAKER NE	3-2523 FK-SPEKTREN	73350
UB FA	7- 332 HYDRODYNAM.	23030	SCHUEZ	1- 513 TEILCH.OPT.	27040	SCHUMAN RP	4-1229 KERNREAKTIO	43048
FIBER DS	11-2967 FK-SPEKTREN	73370		10-1986 KRISTALLE	65580	SCHUMANN P	4-1296 K-REAKTOREN	43015
E	1-1916 MECH.EIG.FK	66514	SCHUFLE JA	10-2766 DUENNE SCHI	74020	TG	5- 886 STARKE WW.	41725
	4-2719 LUFTHUELLE	90810		12-2053 FLUESSIGK.	58565		8-1042 STARKE WW.	41770
H	4-1880 KRISTALLE	65572	SCHUHL G	10-1207 KERNREAKTIO	43028		11- 893 STARKE WW.	41767
	8- 8 BIOGRAPHIEN	10220	SCHUHMAN D	4-1821	55568	WO	2-1411 PLASMA	57090
J	3- 764 ELEMENTART.	41574	SCHULER W	6- 947 KERNSPEKTR.	42550	SCHUMPE G	7-1360 ATOME	52075
P	10-2791 DUENNE SCHI	74060		8- 842 ELEMENTART.	41520	SCHUR K	4- 553 TEILCH.OPT.	27030
F	9- 363 WAERME	24023		11- 590 KERN-MESSG.	40520	SCHURER K	6-1578 GASENTLADG.	57860
	12-2452 THERMEIG.FK	67596	SCHULMAN JH	4-2526 OPT.EIG.FK	73655		11- 560 PHYS.OPTIK	29066
H	11- 61 VAKUUM	13020		8- 757 KERN-MESSG.	40518	SCHURIN BD	10-1568 MOLEKUELE	52560
P	3- 809 STARKE WW.	41730	JM	2-1238 MOLEKUELE	52516	SCHURTER WH	2-2301 METAL.LEITG	71010
GL	3- 875 KERNSTRUKT.	42010		8-1404 MOLEKUELE	52516	SCHURZ J	7- 299 ELASTIZIT.	22520
	7-2666 GRENZFL.FK	74560	L	1- 191 QUANTENTHFO	16588	SCHUSTER BG	10- 615 MASER,LASER	28060
EURS JWH	5-1760 FLUESSIGK.	58530	S	3-1295 POLYMERE	53510	E	11-1311 KERNREAKTIO	43064
IEDER G	10-1092 KERNSPEKTR.	42545	SCHULT DWB	3- 972 KERNSPEKTR.	42565	H	3-2263 METAL.LEITG	71000
IEFFER JR	4-2145 MAGN.EIG.FK	69020		8-1207 KERNREAKTIO	43048		9-2227 SUPRALEITG.	70530
	10-2323 MAGN.EIG.FK	69065	RL	8- 863 ELEMENTART.	41546	HJ	7- 503 HF-TECHNIK	27540
EMPF JT	5-2437 METAL.LEITG	71010	SCHULTE C	4- 553 TEILCH.OPT.	27030	P	9-1337 MOLEKUELE	52553
	9-2010 THERMEIG.FK	67520		10- 514 TEILCH.OPT.	27040	RE	6-1718 FLUESSIGK.	58557
	11-2238 THERMEIG.FK	67520	SCHULTE FROHLINDE D.			S	11-2020 KRISTALLE	65572
IJVER J.	4-1355 ATOME	52020		6-1982 KRIST.FEHL.	66065	SCHUTT DW	4- 672 OPT.INSTRUM	28535
ILS R	9- 830 STARKE WW.	41740	SCHULTEN G	2- 449 HF-TECHNIK	27540	CJH	1-2481 FK-SPEKTREN	73330
IVASTAVA K.N.			SCHULTZ C	8-1031 STARKE WW.	41764		1-2482 FK-SPEKTREN	73330
	10-1937 KRISTALLE	65545		11- 895 STARKE WW.	41770		1-2483 FK-SPEKTREN	73330
ODER DK	2-2384 HALBLEITER	71566		11- 896 STARKE WW.	41773	F	11- 597 KERN-MESSG.	40532
	11-2712 HALBLEITER	71540	DL	2- 261 HYDRODYNAM.	23020	SCHUTTLE R	10-2491 HALBLEITER	71566
ODER B	2- 43 MESSEN	12220	H	8-2357 METAL.LEITG	71010	SCHUURING DSJ	1- 456 ELEKTRIZIT.	26010
	8-1306 ATOME	52070	J	3- 804 STARKE WW.	41730	SCHURMAN W	3-1481 GASENTLADG.	57850
DJ	6-2852 ASTROPHYSIK	93020		11- 832 STARKE WW.	41740		6-1508 PLASMA	57085
H	4- 763 PHYS.OPTIK	29060	P	3- 637 PHYS.OPTIK	29060	SCHUYLER MW	11- 66 VAKUUM	13030
	7-2595 DUENNE SCHI	74020	PF	12-1126 STARKE WW.	41775	SCHWAAB P	7- 468 TEILCH.OPT.	27040
	12-3204 DUENNE SCHI	74050	S	4-2113 FK-SPEKTREN	73355		7- 469 TEILCH.OPT.	27040
I G	9- 941 KERNSPEKTR.	42545		10-2276 MAGN.EIG.FK	69030	SCHWAB C	1-2469 FK-SPEKTREN	73325
J	6-1158 MOLEKUELE	52510	TD	9-2157 MAGN.EIG.FK	69070		2-2634 DUENNE SCHI	74065
JW	5-1252 ATOME	52024	SCHULTZ GRUNOW F.				6-2558 FK-SPEKTREN	73380
KB	12-1975 FLUESSIGK.	58530		1- 49 BUECHER	11040		12-2884 FK-SPEKTREN	73325
	1- 1 ALLGEMEINES	10000		2- 36 BUECHER	11040	F	8-2720 ERDKOERPER	90240
	4-2316 METAL.LEITG	71010	SCHULTZ VON DRATZIG A.			FA	7-2691 ERDKOERPER	90240
	5-2335 LEITFHKG.FK	70024		12- 900 BESCHLEUNIG	41040	SCHWABE F	7- 824 BESCHLEUNIG	41010
	5-2561 FK-SPEKTREN	73320	SCHULZ D	12-3209 DUENNE SCHI	74060	J	4- 853 BESCHLEUNIG	41040
	6-1983 KRIST.FEHL.	66065	DM	1- 933 STARKE WW.	41760	K	6-2704 GRENZFL.FK	74535
	6-1984 KRIST.FEHL.	66076	F	12- 872 KERN-MESSG.	40584	S	7- 747 KERN-MESSG.	40518
	7-1850 KRISTALLE	65588	G	1- 615 OPT.INSTRUM	28520		11- 581 KERN-MESSG.	40518
	7-2378 THERMOELEKT	72010		1-1044 KERNSPEKTR.	42555	SCHWABL F	1-1739 FLUESSIGK.	58525
	9-1932 MECH.EIG.FK	66545		3- 597 OPT.INSTRUM	28595		5- 211 QU-FELDTHEO	17025
	9-1996 THERMEIG.FK	67510		3-1759 KRIST.FEHL.	66025		12-1954 FLUESSIGK.	58525
	9-2023 THERMEIG.FK	67550		4-1374 ATOME	52045	SCHWAGER J	9- 136 QUANTENTHEO	16530
	10-2566 FK-SPEKTREN	73325		5-1069 KERNSPEKTR.	42555	SCHWAIGER A	11-1910 FLUESSIGK.	58540
	12-2045 FLUESSIGK.	58565		6- 564 KERN-MESSG.	40518	SCHWALLER P	3- 518 MASER,LASER	28055
L	5- 921 STARKE WW.	41745		6- 960 KERNSPEKTR.	42560	SCHWALM D	10-1088 KERNSPEKTR.	42545
MR	1-1862 HOEREN	96320		7-1587 PLASMA	57203	SCHWAN HP	11-1874 FLUESSIGK.	58510
	9-3026 HOEREN	96320		9-1201 ATOME	52045	SCHWANDT G	6-1741 FLUESSIGK.	58568
PA	5-2336 LEITFHKG.FK	70024		6-1336 MOLEKUELE	52575		9-1059 KERNREAKTIO	43064
PR	12-2799 HALBLEITER	71563	GJ	12-1979 FLUESSIGK.	58530	SCHWAR MB	1- 648 OPT.INSTRUM	28570
R	2-1120 K-REAKTOREN	43560	GW	2- 505 OPT.INSTRUM	28520	BB	1-1819 KRISTALLE	65545
			H	2- 506 OPT.INSTRUM	28520		3-2292 SUPRALEITG.	70520
U	2-1878 GITTERDYN.	67010		2- 947 KERNSPEKTR.	42540		8-2256 LEITFHKG.FK	70038
	9-1962 GITTERDYN.	67020	ND	11- 732 ELEMENTART.	41563	DM	10-2935 FK-SPEKTREN	73310
W	6-2808 LUFTHUELLE	90870	HJ	2-1796 KRIST.FEHL.	66065		6- 684 ELEMENTART.	41546
	6-2809 LUFTHUELLE	90870	M	1-1625 PLASMA	57080	H	8-2269 LEITFHKG.FK	70028
	10-2902 LUFTHUELLE	90870		2-2382 HALBLEITER	71566	J	5- 557 MASER,LASER	28045
WU	1-1241 KERNREAKTIO	43062		3-1484 PLASMA	57055		8-2839 SONNENPHYS.	93300
	4-1239 KERNREAKTIO	43064		3-2230 LEITFHKG.FK	70056	JA	12-1001 STARKE WW.	41725
	7- 770 KERN-MESSG.	40527		5-1592 PLASMA	57080	JJ	7-1071 KERNSPEKTR.	42545
ROER D	3-1816 KRIST.FEHL.	66040		6-1800 KRISTALLE	65518	JL	1-2167 LEITFHKG.FK	70010
	10-1146 KERNSPEKTR.	42565						

SCHWARTZ	LH	5-1866	FK-SPEKTREN	73310	SCIVER VAN	WJ	11-2085	KRIST.FEHL.	66025	SEBASTIAN	KJ	11- 875	STARKE WW.	41
		5-1895	FK-SPEKTREN	73310			11-2846	FK-SPEKTREN	73325		F	10- 873	ELEMENTART.	41
	LM	11-3019	OPT.EIG.FK	73630	SKOPKE	N	5-2802	GEOMAGNET.	70460	SEBE	T	1-1054	KERNSTUKT.	42
	M	8- 865	ELEMENTART.	41546	SLUESSLER	H	11-2165	MECH.EIG.FK	66514			7-1029	KERNSTUKT.	42
	ME	3-1212	MOLEKUELE	52512	SCARNEC	L	4-1722	GASENTLADG.	57810			11-1044	KERNSTUKT.	42
		11-1504	MOLEKUELE	52514	SCOLAR	G	3-1510	GASE	58025	SEBILLE	C	1-1138	KERNSTUKT.	42
	MF	1-2864	HOEREN	96320	SCOLLER	I	4- 518	ELEKTRIZIT.	26030			2- 988	KERNSTUKT.	42
	P	8- 403	HYDRODYNAM.	23070	SCONZO	P	9- 245	MECHANIK	22010			10-1151	KERNSTUKT.	42
	R	2-1189	MOLEKUELE	52580	SCOTT	A	4-1110	KERNSTUKT.	42555	SECAREANU	I	8-2398	HALBLEITER	71
	RJ	2-2417	THERMOELEKT	72010		AB	2-1805	KRIST.FEHL.	66030	SECHEHAYE	R	6-1716	FLUESSIGK.	58
	SE	12- 571	HF-TECHNIK	27540		AC	3-2290	SUPRALEITG.	70520			12- 576	HF-TECHNIK	27
SCHWARTZE		2- 427	TEILCH.OPT.	27040		AH	1-2021	POLYMERE	53544	SECHI ZORN	B	4- 883	ELEMENTART.	41
SCHWARZ	F	4-1834	DISP.SYST.	59540		BA	5-2158	FK-SPEKTREN	73370			6- 691	ELEMENTART.	41
	G	9- 412	THERMODYN.	24554			10-2309	MAGN.EIG.FK	69060	SECHKAREV	AV	10-1884	FLUESSIGK.	58
	H	2- 724	ELEMENTART.	41563			12-2490	DIELEKTRIKA	68030			10-1885	FLUESSIGK.	58
	JH	3- 183	QUANTENTHEO	16582		BL	7- 937	STARKE WW.	41740			11-2898	FK-SPEKTREN	73
		6- 144	QUANTENTHEO	16582		DK	1-1224	KERNREAKTIO	43054	SECHKARYOV	AV	1- 684	PHYS.OPTIK	23
		7- 170	QUANTENTHEO	16578			1-1228	KERNREAKTIO	43054			1-1498	MOLEKUELE	52
		10- 226	QUANTENTHEO	16582		DM	3- 745	ELEMENTART.	41546			7-1430	MOLEKUELE	52
		10- 867	ELEMENTART.	41572			9- 742	ELEMENTART.	41546	SECKER	PE	8-1800	FLUESSIGK.	58
	K	10- 965	STARKE WW.	41755		DW	5-2818	LUFTHUELLE	90815			12- 137	LABORTECHN.	12
		4-1849	KRISTALLE	65530			5-2822	LUFTHUELLE	90840	SEDDON	H	1-2828	KOSM.PHYSIK	94
	KW	8-1738	FLUESSIGK.	58525			8-2753	LUFTHUELLE	90815			3-2906	KOSM.PHYSIK	94
	S	8-2976	KOSM.PHYSIK	94530			8-2758	LUFTHUELLE	90830			8-2966	KOSM.PHYSIK	94
	SE	3- 528	MASER,LASER	28055			8-2759	LUFTHUELLE	90830		WA	12-1644	MOLEKUELE	52
	U	2-1007	KERNREAKTIO	43016		FR	5-1665	PLASMA	57266	SEDIY	J	12-2387	BITTERDYN.	67
	WH	3- 318	HYDRODYNAM.	23050		GD	8- 646	OPT.INSTRUM	28545	SEDLACEK	M	6- 640	BESCHLEUNIG	41
		11- 308	HYDRODYNAM.	23050		GG	2- 246	GASE	58020			8- 496	ELEKTRIZIT.	26
SCHWARZBACH	J	5-2469	HALBLEITER	71530			5-1723	GASE	58050			12- 581	HF-TECHNIK	27
SCHWARZL	FR	10- 354	ELASTIZIT.	22520		HG	2-1787	KRIST.FEHL.	66040			12-3342	LUFTHUELLE	90
	W	7-1827	KRISTALLE	65572		JA	11-1959	DISP.SYST.	59540		WA	4-1288	KERNREAKTIO	43
SCHWARZSCHILD	A.					JC	3-2444	HALBLEITER	71585		Z	5-1545	PLASMA	57
		1-1038	KERNSTUKT.	42525		JCM	1- 274	FELDTHEORIE	18042			9-1447	PLASMA	57
		6- 940	KERNSTUKT.	42545			2- 219	FELDTHEORIE	18042	SEDLAK	B	5-2263	MAGN.EIG.FK	69
		7-1127	KERNSTUKT.	42565		JF	4-2462	FK-SPEKTREN	73340	SEDLARENKO	VI	6-1914	KRIST.FEHL.	66
	BM	6- 771	STARKE WW.	41730			5-2601	FK-SPEKTREN	73340	SEDOIKIN	SD	12- 838	KERN-MESSG.	40
	M	9-2937	STERNE	94040			7-1427	MOLEKUELE	52538	SEDOV	GS	9- 531	MASER,LASER	28
		11-3407	STERNE	94040			9- 539	MASER,LASER	28060		VE	9-2562	OPT.EIG.FK	73
SCHWARZWAELDER	R.						11-2190	MECH.EIG.FK	66550		VL	8-2258	LEITFHGK.FK	70
		5-1210	K-REAKTOREN	43550		MC	12- 807	KERN-MESSG.	40525		VM	8-1273	K-REAKTOREN	43
SCHWEDES	J	11- 16	TAGUNGEN	10530		PF	10-3102	KOSM.PHYSIK	94550	SEDUNOV	BI	2-2614	DUENNE SCHI	74
SCHWEDT	J	10-1759	GASENTLADG.	57840		RB	3- 65	LABORTECHN.	12530			11-2794	PHOTOLEITG.	72
SCHWEE	LJ	9- 421	ELEKTRIZIT.	26016		RE	1-2604	DUENNE SCHI	74020	SEEBASS	P	9- 290	HYDRODYNAM.	23
SCHWEGLER	H	1- 233	STATISTIK	17530		RF	5-2915	PLANETEN	93640	SEEBERG	R	5-2452	HALBLEITER	71
		8-2212	MAGN.EIG.FK	69065			8-2901	PLANETEN	93640			9-2013	THERMEIG.FK	67
SCHWEICKERT	H	10- 819	BESCHLEUNIG	41040		RH	6- 439	OPT.INSTRUM	28513	SEECK	S	12-3193	DUENNE SCHI	74
SCHWEIGHOFER	A	11-2178	MECH.EIG.FK	66545		SA	3-1548	FLUESSIGK.	58527	SEEGE	A	6-2051	MECH.EIG.FK	66
SCHWEIMER	GW	1-1237	KERNREAKTIO	43060		TA	2-2140	MAGN.EIG.FK	69060			9-2200	LEITFHGK.FK	70
SCHWEINGRUBER	F.					TL	3- 73	LABORTECHN.	12530			10-2022	KRIST.FEHL.	66
		7- 979	STARKE WW.	41764		VD	4-1882	KRISTALLE	65572			12-2220	KRIST.FEHL.	66
		10- 990	STARKE WW.	41770			7- 744	KERN-MESSG.	40512		K	1-2365	HALBLEITER	71
SCHWEITZER	D	1-2365	HALBLEITER	71540		WD	6-2701	GRENZFL.FK	74520			11-2706	HALBLEITER	71
	DB	2-2287	SUPRALEITG.	70520		WT	10- 259	STATISTIK	17510	SEELIGER	D	1- 725	KERN-MESSG.	40
		3-2322	SUPRALEITG.	70520			11- 87	QUANTENTHEO	16523			3- 695	KERN-MESSG.	40
		3-2323	SUPRALEITG.	70520			12- 197	QUANTENTHEO	16523			9- 666	KERN-MESSG.	40
	G	5- 457	ELEKTRIZIT.	26012	SCOTT JR.	J	3-1769	KRIST.FEHL.	66025	SEELY	T	9- 294	HYDRODYNAM.	23
	JW	11-2449	MAGN.EIG.FK	69060	SCOTT MONCK	JA	12- 527	ELEKTRIZIT.	26060	SEEMAN	N	11- 612	KERN-MESSG.	40
	PJ	4-1223	KERNREAKTIO	43046	SCOTTER	D	11- 902	STARKE WW.	41775	SEEMANN	FW	2-1435	PLASMA	57
	S	1-1554	PLASMA	57033	SCOTTI	A	11- 173	STATISTIK	17520			9- 358	WAERME	24
SCHWEITZER JR.	W.G.				SCOTTO	H	1- 715	KERNPHYSIK	40000			10- 12	BIOGRAPHIEN	10
		4- 634	MASER,LASER	28055	SCOUTER	WJ	3-2202	LEITFHGK.FK	70024			10- 38	BIOGRAPHIEN	10
SCHWEIZER	J	2-2143	MAGN.EIG.FK	69060			8-2442	FK-SPEKTREN	73300		GR	7-1601	PLASMA	57
		9-1824	KRISTALLE	65588	SCREATON	GR	11-2541	LEITFHGK.FK	70024		H	9-1774	KRISTALLE	65
SCHWENDER	GE	5-1245	MAGN.EIG.FK	69060	SCRIBNER	BF	9- 153	QUANTENTHEO	16525		HJ	8-2355	METAL.LEITG	71
		5- 715	KERN-MESSG.	40503			2- 22	TAGUNGEN	10560	SEEWALD	D	6-1341	MOLEKUELE	52
SCHWENK	A	5-2166	FK-SPEKTREN	73370			10-1400	ATOME	52020		A	8-1524	POLYMERE	53
		10-2657	FK-SPEKTREN	73370		RA	5-2215	MAGN.EIG.FK	69000	SEGAL	GA	5-1343	MOLEKUELE	52
	H	9-1152	KERNSTRLG.	44020	SCRIMAGLIO	R	6- 633	BESCHLEUNIG	41020			6-1253	MOLEKUELE	52
SCHWENSFEIR JR.	R.J.						11-1200	KERNREAKTIO	43022			9-1341	MOLEKUELE	52
		3-1797	KRIST.FEHL.	66035	SCROCCO	E	10-1511	MOLEKUELE	52514		GP	12-2714	SUPRALEITG.	70
SCHWENK	H	2-2802	IONOSPHAERE	91072	SCROGGS	RJ	4- 99	UNTERRICHT	12040		Y	7- 815	KERN-MESSG.	40
SCHWERTFEGE	C.F.				SCULLMAN	R	1-1483	MOLEKUELE	52524			12- 862	KERN-MESSG.	40
		3-2211	LEITFHGK.FK	70028	SCULLY	MO	2- 463	MASER,LASER	28035		B	6-2572	OPT.EIG.FK	73
		9-2479	FK-SPEKTREN	73355			9- 483	MASER,LASER	28020	SEGAR	A	8- 968	STARKE WW.	41
	W	4-2654	ERDOERPER	90200	SCURLOCK	RO	4-2083	FK-SPEKTREN	73345	SEGARD	N	5- 371	AKUSTIK	23
SCHWERER	FC	6-2401	METAL.LEITG	71010			10-1945	KRISTALLE	65545			7- 359	AKUSTIK	23
		12-2732	METAL.LEITG	71010			11-2976	FK-SPEKTREN	73370	SEGEL	LA	5- 387	WAERME	24
SCHWERING	F	3- 461	HF-TECHNIK	27530	SCZANIECKI	B	8-2513	FK-SPEKTREN	73355		LS	12- 414	HYDRODYNAM.	23
SCHWERMANN	W	5-2123	THERMEIG.FK	67550	SEABORG	GT	4- 27	BIOGRAPHIEN	10230		RE	1-1059	KERNSTUKT.	42
SCHWERTFUEHRER	W.						5- 6	BIOGRAPHIEN	10216			2- 952	KERNSTUKT.	42
		6- 42	BUECHER	11020			10- 33	BIOGRAPHIEN	10220			5-1150	KERNSTUKT.	42
SCHWETTMAN	HA	10- 803	BESCHLEUNIG	41030			10- 34	BIOGRAPHIEN	10220			7-1232	KERNSTUKT.	42
SCHWIBACH	J	4- 41	TAGUNGEN	10940	SEABORN	JB	6- 896	KERNSTUKT.	42075			8-1116	KERNSTUKT.	42
SCHWIDER	J	1- 615	OPT.INSTRUM	28520	SEADROCK	C	6-2823	IONOSPHAERE	91040	SEGERCRANTZ	J	10-1095	KERNSTUKT.	42
		3- 565	OPT.INSTRUM	28545	SEAGRAVE	RL	10- 763	KERNSTRLG.	44010			7- 144	QUANTENTHEO	16
SCHWIDERSKI	EW	4-1606	PLASMA	57040	SEALE	WA	6-1135	K-REAKTOREN	43940			8- 163	MATH.PHYSIK	16
		8- 373	HYDRODYNAM.	23020			5-1172	KERNREAKTIO	43085	SEGERMAN	E	8-1877	KRISTALLE	65
	G	2- 742	ELEMENTART.	41574	SEAMAN	GG	5-1082	KERNSTUKT.	42565	SEGGERN VON	H	9-1349	MOLEKUELE	52
		12- 958	ELEMENTART.	41574			11-1013	KERNSTUKT.	42510	SEGINER	A	10- 437	WAERME	24
SCHWING	JP	9-1705	FLUESSIGK.	58568			11-1024	KERNSTUKT.	42525			11- 320	HYDRODYNAM.	23
SCHWINGER	J	1- 216	QU.FELDTHEO	17020			11-1074	KERNSTUKT.	42550		I	6- 253	HYDRODYNAM.	23
		1- 768	ELEMENTART.	41510	SEAMON	RE	11- 935	KERNSTUKT.	42010	SEGNAN	R	3-2117	MAGN.EIG.FK	69
		6- 692	ELEMENTART.	41546	SEAQUIST	AW	11-3442	KOSM.PHYSIK	94550	SEGRE	G	1- 890	STARKE WW.	41
		7- 874	ELEMENTART.	41570	SEARCY	ER	11-2262	THERMEIG.FK	67556			3- 824	STARKE WW.	41
		8- 256	QU.FELDTHEO	17010			12-2454	THERMEIG.FK	67556			4- 855	ELEMENTART.	41
		8- 839	ELEMENTART.	41520	SEARLE	CW	11-2400	MAGN.EIG.FK	69035			7- 961	STARKE WW.	41
		8-1027	STARKE WW.	41762			12-3007	FK-SPEKTREN	73360			9- 165	QUANTENTHEO	16
		9- 174	QU.FELDTHEO	17010		L	8-2924	STERNE	94020			12- 242	QUANTENTHEO	16
	JS	11- 760	STARKE WW.	41700		TH	1-1878	KRIST.FEHL.	66030	SE				

GP	7-2471	FK-SPEKTREN	73355	SELLMYER	DJ	5-2336	LEITFHGK.FK	70024	SENITZKY	IR	11- 72	QUANTENTHED	16500
G	10-2067	KRIST.FEHL.	66070	SELLORS	RGR	6-1720	FLUESSIGK.	58560	SENKIV	VA	9-2577	OPT.EIG.FK	73625
H	8-2774	LUFTHUELLE	90860	SELLSCHOP	JPF	11- 942	KERNSTRUKT.	42010			10-2629	FK-SPEKTREN	73355
T	6-2114	THERMEIG.FK	67520	SELMAN	GL	8-2353	METAL.LEITG	71000	SENKO	EE	9-2789	LUFTHUELLE	90890
TE	6-2309	LEITFHGK.FK	70028	SELOVE	W	7- 905	STARKE WW.	41725	SENN	HY	8-2750	LUFTHUELLE	90810
J	9-2299	HALBLEITER	71540	SELVA DELLA	A	3- 777	STARKE WW.	41700	SENNETT	CT	1-2500	FK-SPEKTREN	73330
	5-1751	FLUESSIGK.	58525			7- 893	STARKE WW.	41700	SENNO	H	2-2068	MAGN.EIG.FK	69015
	5-1752	FLUESSIGK.	58525			2-2639	GRNZFL.FK	74520			5-2128	THERMEIG.FK	67550
PE	11-2633	SUPRALEITG.	70530	SELVIDGE	CW	7- 648	OPT.INSTRUM	28553	SENO	H	2-2443	PHOTOLEITG.	72510
	11-2634	SUPRALEITG.	70540	SELWAY	PR	7-2392	PHOTOLEITG.	72510	SENS	JC	11-1009	KERNSEKTR.	42500
M	8-1628	PLASMA	57055	SELYUK	BY	2-1979	DIELEKTRIKA	68030	SENTJURC	M	5-2193	FK-SPEKTREN	73355
	8-1658	PLASMA	57096	SELYUTIN	GY	4-1872	FK-SPEKTREN	73310	SEO	M	4-2652	GRNZFL.FK	74580
	11-1729	PLASMA	57055			12-2854	FK-SPEKTREN	73310			9- 638	KERN-MESSG.	40503
	12- 63	TAGUNGEN	10555			4-1238	KERNREAKTIO	43052	SEPP	A	6-1990	KRIST.FEHL.	66065
TZ	12-1124	STARKE WW.	41773	SEM	MF	11- 42	UNTERRICHT	12035	SEPPI	EJ	9- 704	BESCHLEUNIG	41020
DN	12-2223	KRIST.FEHL.	66015	SEMAK	DG	1-2382	HALBLEITER	71563			10- 791	BESCHLEUNIG	41020
J	3- 342	AKUSTIK	23570			2-2373	HALBLEITER	71563	SEPTIER	A	2- 408	TEILCH.OPT.	27010
ZF	6-2936	STERNE	94060			4-2392	PHOTOLEITG.	72510			2- 409	TEILCH.OPT.	27010
STAD	9-2981	KOSM.PHYSIK	94550	SEMASHKO	GL	9-2072	DIELEKTRIKA	68020			2- 410	TEILCH.OPT.	27010
	10-3092	KOSM.PHYSIK	94550			5- 916	STARKE WW.	41740			2- 417	TEILCH.OPT.	27010
RT	10-1709	PLASMA	57080			5- 976	STARKE WW.	41764			4- 543	TEILCH.OPT.	27010
	7-2233	LEITFHGK.FK	70056			10- 932	STARKE WW.	41740			7- 451	TEILCH.OPT.	27010
F	8- 576	MASER,LASER	28040			11-1679	PLASMA	57266			8-1338	ATOME	52060
HJ	2- 199	FELDTHEORIE	18010	SEMEL	M	5-2899	Sonnenphys.	93324			9- 713	BESCHLEUNIG	41020
M	6-2409	HALBLEITER	71510	SEMENCHENKO	VK	2-1541	FLUESSIGK.	58525	SEQUEIRA	A	7-1823	KRISTALLE	65584
P	10-2117	MECH.EIG.FK	66553	SEMENENKO	AI	5-2098	GITTERDYN.	67060	SERABIAN	S	6-2092	GITTERDYN.	67060
W	11-1643	POLYMERE	53546	SEMENESCU	G	8-1239	KERNREAKTIO	43080	SERAFIMOV	K	4-2770	IONOSPHAERE	91050
W	3-1098	K-REAKTOREN	43520			9-1082	KERNREAKTIO	43080			9-2796	IONOSPHAERE	91040
AC	11-2840	FK-SPEKTREN	73320	SEMIENIKHIN	IM	10- 464	ELEKTRIZIT.	26010			9-2801	IONOSPHAERE	91045
RG	7-2315	HALBLEITER	71520	SEMIENOV	VF	8-1246	KERNREAKTIO	43092			9-2811	IONOSPHAERE	91072
F	4-1255	KERNREAKTIO	43062	SEMIENOV	AS	1- 570	MASER,LASER	28050			9-2813	IONOSPHAERE	91072
RF	1- 761	BESCHLEUNIG	41020			6- 422	MASER,LASER	28050	SERAFIN	RJ	5-2092	GITTERDYN.	67060
	3- 711	BESCHLEUNIG	41020			12- 618	MASER,LASER	28050	SERAPHIN	BO	5-2572	OPT.EIG.FK	73610
	9- 711	BESCHLEUNIG	41020			12- 619	MASER,LASER	28050			6-2315	LEITFHGK.FK	70045
ARCO	5-2690	DUENNE SCHI	74010			7- 558	MASER,LASER	28050			7-2423	FK-SPEKTREN	73325
AN	5-2628	OPT.EIG.FK	73610			6-1831	FK-SPEKTREN	73310	SERBER	R	5- 6	BIOGRAPHIEN	10216
HIK	11-3059	DUENNE SCHI	74010			11- 432	MASER,LASER	28030	SERBIN	IA	8-1746	FLUESSIGK.	58525
CA	7- 283	MECHANIK	22032			6-2069	MECH.EIG.FK	66556	SERBINOV	AN	6- 636	BESCHLEUNIG	41020
RT	12-1552	ATOME	52065			8-1045	STARKE WW.	41770	SERDYUK	VV	5-2522	PHOTOLEITG.	72510
MA	3-1787	KRIST.FEHL.	66030	SEMIENYUK	AK	10-2076	KRIST.FEHL.	66076			6-2600	OPT.EIG.FK	73640
	6-1915	KRIST.FEHL.	66030			10-2077	KRIST.FEHL.	66076	SERDYUTSKY	VA	10- 905	STARKE WW.	41725
INA	8-2891	PLANETEN	93620	SEMERDZIEV	HI	11- 801	STARKE WW.	41725	SERE	D	9-2101	MAGN.EIG.FK	69030
NA	1-2743	LUFTHUELLE	90850	SEMERDZIEV	KI	10- 908	STARKE WW.	41725	SEREBRENNIKOV	P.S.	2-2393	HALBLEITER	71570
KA	10- 695	PHYS.OPTIK	29040	SEMIKOS	VB	9- 781	ELEMENTART.	41576			7-1431	MOLEKULE	52538
RF	1-1775	FLUESSIGK.	58555	SEMILETOV	SA	3-2624	DUENNE SCHI	74020			10-1895	FLUESSIGK.	58576
	5-2122	THERMEIG.FK	67540			3-2635	DUENNE SCHI	74040	SEREBRYAKOV	SG	8-1087	KERNSTRUKT.	42080
RRAN	1-1260	KERNREAKTIO	43080			4-1903	KRIST.FEHL.	66015		VA	7- 547	MASER,LASER	28045
	3-2656	DUENNE SCHI	74095			6-2641	DUENNE SCHI	74010			7- 593	MASER,LASER	28060
N	2-2585	DUENNE SCHI	74010			6-2651	DUENNE SCHI	74020			8- 574	MASER,LASER	28035
	5-2711	DUENNE SCHI	74010			10-2783	DUENNE SCHI	74040			1- 847	STARKE WW.	41710
	7-2310	HALBLEITER	71510			11-2048	KRISTALLE	65584		VV	3- 802	STARKE WW.	41725
M	10-1254	KERNREAKTIO	43054			11-3053	DUENNE SCHI	74000			4- 944	STARKE WW.	41725
S	4-2046	THERMEIG.FK	67510			11-3080	DUENNE SCHI	74020			5- 856	STARKE WW.	41700
T	8-2631	OPT.EIG.FK	73670	SEMIOSHIN	IA	5-1472	PLASMA	57010			8- 399	STARKE WW.	41710
	9-1980	GITTERDYN.	67060	SEMIONOVAS	J	8-2066	MECH.EIG.FK	66556			11- 776	STARKE WW.	41710
Y	8-2000	KRIST.FEHL.	66065	SEMKOV	LV	11- 638	KERN-MESSG.	40584			11- 849	STARKE WW.	41740
DO	5-2139	DIELEKTRIKA	68020	SEMYANNIKOVA	E.L.	9-1689	FLUESSIGK.	58555	SEREBRYAKOVA	N.A.	2-2244	LEITFHGK.FK	70072
EE	2- 109	QUANTENTHED	16550			5- 976	STARKE WW.	41764	SEREDA	NI	8-2696	GRNZFL.FK	74535
BOBU	7-2326	HALBLEITER	71520	SEMYAROV	RI	9-1166	ATOME	52010	SEREETER	J	11-1233	KERNREAKTIO	43048
DOV	10-2543	FK-SPEKTREN	73310			11-1408	ATOME	52010	SEREETER	PP	5-1898	FK-SPEKTREN	73310
NA	5- 653	OPT.INSTRUM	28595			4- 852	BESCHLEUNIG	41040	SERF	E	9-1857	KRIST.FEHL.	66025
AWA	9- 258	MECHANIK	22032	SEN	AK	5-1560	PLASMA	57050	SERF	E	7-2977	STRAHL.BIOL	97010
NA	6-2378	SUPRALEITG.	70540			12-3295	GEOMAGNET.	90450	SERFAS	O	12-1669	MOLEKULE	52562
ST	6-2383	SUPRALEITG.	70550			4-1695	PLASMA	57206	SERGACHEV	AI	12-1408	KERNREAKTIO	43092
	12-2713	SUPRALEITG.	70530			3- 836	STARKE WW.	41770		AS	5-1189	KERNREAKTIO	43092
	12-2720	SUPRALEITG.	70550			6- 836	STARKE WW.	41770	SERGEENKOVA	VA	7-1986	MECH.EIG.FK	66514
IN	3- 861	STARKE WW.	41767			6- 835	STARKE WW.	41770	SERGEY	FM	8-1036	STARKE WW.	41764
RRG	12- 461	HYDRODYNAM.	23095			12- 511	ELEKTRIZIT.	26014	SERGEY	OT	12-2747	HALBLEITER	71510
MC	6- 478	OPT.INSTRUM	28545			6- 478	OPT.INSTRUM	28545		VO	9- 908	KERNSTRUKT.	42070
HJ	12- 669	OPT.INSTRUM	28530			12- 669	OPT.INSTRUM	28530	SERGEY	KY	2-1327	POLYMERE	53530
RRS	6-2570	FK-SPEKTREN	73325			6-2570	FK-SPEKTREN	73325	SERGEY	LA	2-2579	DUENNE SCHI	74010
	9-2426	FK-SPEKTREN	73330			1-1726	FLUESSIGK.	58510		SI	5-2485	HALBLEITER	71540
W	1-1726	FLUESSIGK.	58510			12- 838	KERN-MESSG.	40555	SERGEY	AG	2- 963	KERNSEKTR.	42545
KTOR	12- 838	KERN-MESSG.	40555	SENA	LA	1-1711	GASENTLADG.	57840	SERGEY	NI	6-2586	OPT.EIG.FK	73635
ANYUK	2-1511	GASE	58030	SENASHENKO	VS	3-1134	ATOME	52040			12-3170	DUENNE SCHI	74010
VNEV	11-2934	FK-SPEKTREN	73360			11-1447	ATOME	52065	SERGOLLE	H	7-1103	KERNSEKTR.	42555
DOV	1-1570	PLASMA	57045			12-1573	ATOME	52075			10-1139	KERNSEKTR.	42560
DOVA	1-1570	PLASMA	57045			8-2210	MAGN.EIG.FK	69060			10-1140	KERNSEKTR.	42560
SA	1-1702	GASENTLADG.	57840	SENATEUR	JP	12-2052	FLUESSIGK.	58565	SERGSELS	R	2-1349	PLASMA	57015
	5-1684	GASENTLADG.	57850	SENATORE	L	9-1733	DISP.SYST.	59525	SERIK	F	4-1735	GASENTLADG.	57860
H	2-2502	FK-SPEKTREN	73380	SENATRA	D	5- 799	ELEMENTART.	41535	SERIES	GW	5-1726	GASE	58060
RL	9- 320	HYDRODYNAM.	23050	SENBA	K	5-1189	KERNREAKTIO	43092	SERIKOV	IN	2-1081	KERNREAKTIO	43080
EEER	12- 396	ELEKTRIZIT.	22920	SENCHENKO	VI	8-1246	KERNREAKTIO	43092			10-1304	KERNREAKTIO	43075
AA	8-1614	PLASMA	57055			7-2720	KOSM.STRLG.	90610	SERIN	B	1-2284	SUPRALEITG.	70550
E	7-1145	KERNREAKTIO	43000	SENCHURO	IN	4- 174	VAKUUM	13040			4-2308	SUPRALEITG.	70540
ESKII	4-2062	THERMEIG.FK	67553	SENDA	K	11- 59	LABORTECHN.	12570	SERIO	S	11- 834	STARKE WW.	41740
ESKII	12- 810	KERN-MESSG.	40525			5-2127	THERMEIG.FK	67550	SERMENT	J	8-1918	KRISTALLE	65588
ESKY	10-1330	KERNREAKTIO	43092			9-2040	THERMEIG.FK	67553	SERMET	P	4- 574	HF-TECHNIK	27530
IZKY	10-1331	KERNREAKTIO	43092	SENDERIKHIN	IM	11-2755	HALBLEITER	71570			6- 377	HF-TECHNIK	27530
ANENKO	4- 615	MASER,LASER	28035			12-2793	HALBLEITER	71540	SERNAGUIN	AV	8-1351	ATOME	52065
	5- 542	MASER,LASER	28035			12-2794	HALBLEITER	71540	SERNAGIOTTO	F	4- 393	HYDRODYNAM.	23020
	7- 591	MASER,LASER	28060	SENE	M	10- 919	STARKE WW.	41735	SEROV	A	12-3426	PLANETEN	93655
ANDOV	10-3019	PLANETEN	93640			11- 827	STARKE WW.	41735		RY	7- 586	MASER,LASER	28060
LV	10-2226	DIELEKTRIKA	68060			11- 842	STARKE WW.	41740		VI	12- 773	KERN-MESSG.	40505
VI	10-1379	KERNSTRHLG.	44030	SENECHAL COUVERCELLE	M.	1-1761	FLUESSIGK.	58550			12-1340	KERNREAKTIO	43044
EB	6-2100	GITTERDYN.	67060			5-1774	FLUESSIGK.	58540	SEROVY	OK	6- 249	HYDRODYNAM.	23020
DD	1-2119	MAGN.EIG.FK	69030	SENECHAL COUVERSELLE	M.	6-2810	LUFTHUELLE	90890	SERPAN JR.	CZ	1-1295	K-REAKTOREN	43520
	9-2412	FK-SPEKTREN	73325			4-2815	Sonnenphys.	93300	SERRA	P	2- 799	STARKE WW.	41730
PJ	11-2902	FK-SPEKTREN	73345	SENEGACNIK	M								

SERVANT - SHARAN

SERVANT	Y	2- 451 HF-TECHNIK	27560	SEYFERT	P	5-2004 KRIST.FEHL.	66070	SHALYGIN	AN	12-3108 OPT.EIG.FK	731
		4-1555 MOLEKUELE	52547	SEYFFERTH	S	4-1053 KERNSTRUKT.	42070	SHALYT	SS	1-2316 HALBLEITER	711
SERVEDIO	FM	4-1822 FLUESSIGK.	58570	SEYLER	RG	6- 868 KERNSTRUKT.	42010			7-2383 PHOTOLEITG.	721
		8-1500 MOLEKUELE	52585			8-1212 KERNREAKTIO	43054			8-2302 LEITFHOK.FK	701
SERVOZ GAVIN P		9-1389 MOLEKUELE	52585	SEYLLER	B	10-1115 KERNPEKTR.	42550			9-2219 SUPRALEITG.	701
		1- 493 ELEKTRODYN.	26540	SEYMOUR	EFW	6-1711 FLUESSIGK.	58557			10-2465 HALBLEITER	711
		12- 572 HF-TECHNIK	27540		PAH	6-2938 KOSM.PHYSIK	94510	SHAM	LJ	3-2356 GITTERDYN.	671
SERVULI	VA	12-2991 FK-SPEKTREN	73355	SEZON	M	3-1091 KERNREAKTIO	43092			8-2097 THERMEIG.FK	671
SERWAY	RA	9-2309 HALBLEITER	71540			10-1245 KERNREAKTIO	43048	SHAMBUROY	VA	4-2490 OPT.EIG.FK	731
		5-2196 FK-SPEKTREN	73355	SHABAD	AE	10- 194 QUANTENTHEO	16530			6- 414 MASER,LASER	281
SERY	RS	11-2002 KRISTALLE	65545	SHABALIN	EP	4- 869 ELEMENTART.	41540			7- 548 MASER,LASER	281
SERYAKOV	KI	11-2150 KRIST.FEHL.	66073			5- 801 ELEMENTART.	41540	SHAMEY	LJ	8-1328 ATOME	521
SESHADRI	MS	1-1415 ATOME	52075			7- 843 ELEMENTART.	41540	SHAMFAROV	YL	7-2484 FK-SPEKTREN	731
	SR	10- 261 STATISTIK	17520			9- 736 ELEMENTART.	41540	SHAMIR	J	2-2889 KOSM.PHYSIK	941
		3-1396 PLASMA	57093		II	11-1946 FLUESSIGK.	58570			12-1638 MOLEKUELE	521
		3-1397 PLASMA	57090			12-1603 MOLEKUELE	52516	SHAMOS	MH	9- 644 KERN-MESSG.	401
		4-1667 PLASMA	57093	SHABANOV	VM	11-3065 DUENNE SCHI	74010			9-2790 IONOSPHERE	911
		4-2775 IONOSPHERE	91072	SHABANOVA	LN	2-1212 ATOME	52065	SHAMOVSII	LM	2-2538 OPT.EIG.FK	731
		5-1580 PLASMA	57070	SHABEL	BS	4-2316 METAL.LEITG	71010			3-2580 OPT.EIG.FK	731
		7-1580 PLASMA	57090			7-1850 KRISTALLE	65588			9-2576 OPT.EIG.FK	731
		9-1529 PLASMA	57096			9-1996 THERMEIG.FK	67510			11-3050 OPT.EIG.FK	731
		9-1530 PLASMA	57096	SHABLYA	AV	11-3021 OPT.EIG.FK	73630	SHAMRAEV	VM	3- 659 PHYS.OPTIK	291
SESMA	J	10- 167 QUANTENTHEO	16520	SHABUROV	VA	8- 773 KERN-MESSG.	40535			3-2563 OPT.EIG.FK	731
		10- 178 QUANTENTHEO	16526			12- 823 KERN-MESSG.	40530	SHAMRAI	VF	8-2328 SUPRALEITG.	701
SESSA	M	10- 185 QUANTENTHEO	16530	SHACHAR	B	7-2389 PHOTOLEITG.	72510	SHAMUKOV	NA	9-2529 FK-SPEKTREN	731
		10- 933 STARKE WW.	41745			12-2271 KRIST.FEHL.	66035	SHAMYRKANOV Y		10-2071 KRIST.FEHL.	661
SESSLER	AM	10- 934 STARKE WW.	41745			12-2830 PHOTOLEITG.	72510	SHANABARGER MR		4-2112 FK-SPEKTREN	731
		7- 834 BESCHLEUNIG	41040	SHACK	R	7-1676 FLUESSIGK.	58510	SHANE	JR	10-2634 FK-SPEKTREN	731
	GM	8- 823 BESCHLEUNIG	41040	SHADCHIN	SA	11- 963 KERNSTRUKT.	42020			12-3008 FK-SPEKTREN	731
		4-1656 PLASMA	57085			12-1303 KERNREAKTIO	43005	SHANER	JW	11-2514 MAGN.EIG.FK	691
SESTAK	B	4-1671 PLASMA	57080	SHADIEV	N	9-1032 KERNREAKTIO	43040	SHANFELDT	DW	9- 58 LABORTECHN.	121
		5-2045 MECH.EIG.FK	66545	SHADOFF	LA	1- 748 KERN-MESSG.	40570	SHANGIRADZE RR		7- 808 KERN-MESSG.	401
		6-1955 KRIST.FEHL.	66035			6- 603 KERN-MESSG.	40570	SHANINA	BD	8-2529 FK-SPEKTREN	731
		6-2029 MECH.EIG.FK	66518	SHADRICHEV EV		4-2052 THERMEIG.FK	67520	SHANKARA	TS	1- 156 QUANTENTHEO	161
		6-2037 MECH.EIG.FK	66545			9-2015 THERMEIG.FK	67520			12- 199 QUANTENTHEO	161
	J	4-2059 THERMEIG.FK	67550	SHAEVICH	AB	8- 100 MESSEN	12220	SHANKLAND	DG	5-2341 LEITFHOK.FK	701
SESTERO	A	2-1472 ELEKTRIZIT.	26050			10- 80 MESSEN	12200		RS	11- 328 AKUSTIK	231
		6-2814 IONOSPHERE	91030	SHAFAI	L	9- 445 ELEKTRODYN.	26520	SHANKS	HR	2-1921 THERMEIG.FK	671
		8-1579 PLASMA	57026	SHAFER	GV	3-2763 KOSM.STRLG.	90633			5-1932 KRISTALLE	651
SESTORO	A	11-1756 PLASMA	57085			9-2746 KOSM.STRLG.	90633		JL	6-2747 ERDKOERPER	901
SETH	KK	6-1416 PLASMA	57026		JB	6- 840 STARKE WW.	41773	SHANLEY	PE	6-1023 KERNREAKTIO	431
		3- 949 KERNPEKTR.	42555		MW	8-2197 MAGN.EIG.FK	69050	SHANNON	J	1- 387 HYDRODYN.	231
		8-1119 KERNPEKTR.	42545			11-2470 MAGN.EIG.FK	69060			4- 379 HYDRODYN.	231
	VP	11-1230 KERNREAKTIO	43046			11-2511 MAGN.EIG.FK	69070		LY	4-2667 ERDKOERPER	901
		12-1033 STARKE WW.	41730		RE	7- 978 STARKE WW.	41764	SHANNY	R	12-2094 KRISTALLE	651
		12-1034 STARKE WW.	41730		YG	3-2852 ASTROPHYSIK	93020			4-1601 PLASMA	571
SETHI	B	12-1063 STARKE WW.	41750	SHAFFER	BW	11- 255 ELASTIZIT.	22510	SHANSKII	LI	2-2490 FK-SPEKTREN	731
DS		10-1082 KERNPEKTR.	42545	SHAFRANDY	VD	1-1539 PLASMA	57017			4-2495 OPT.EIG.FK	731
	K	10-1600 MOLEKUELE	52585			3-1400 PLASMA	57075			4-2496 OPT.EIG.FK	731
SETO	K	9-2634 DUENNE SCHI	74030			5-1577 PLASMA	57055			12- 160 VAKUUM	131
	N	11- 162 QU.FELDTHEO	17030	SHAFRIR	U	9-1485 PLASMA	57055	SHANTHALAKSHMI	A.		
		2- 857 STARKE WW.	41755			7-2764 LUFTHUELLE	90870			4-1030 STARKE WW.	411
	T	7- 183 QU.FELDTHEO	17000			7-2872 PLANETEN	93630	SHAPAREV	NY	2-1413 ATOME	521
	YJ	8-1523 POLYMERE	53535	SHAFROTH	SM	6- 616 KERN-MESSG.	40582	SHAPIRA	A	5- 902 STARKE WW.	411
SETTE	D	4- 583 HF-TECHNIK	27550			6-1075 KERNREAKTIO	43056			8- 981 STARKE WW.	411
		1-1727 FLUESSIGK.	58520			7-1101 KERNPEKTR.	42555			11- 888 STARKE WW.	411
		1-1899 KRIST.FEHL.	66065	SHAH	BS	3-1625 KRISTALLE	65518			1-2166 LEITFHOK.FK	701
		2- 462 MASER,LASER	28035			3-1815 KRIST.FEHL.	66035	SHAPIRO	AH	9-1970 GITTERDYN.	671
		3- 328 HYDRODYN.	23070		GM	4-2729 LUFTHUELLE	90840		BS	2- 283 HYDRODYN.	231
		4-2606 GRENZFL.FK	74520	SHAHAM	HM	3-1693 KRISTALLE	65578		FL	4-2786 IONOSPHERE	911
		5- 769 KERN-MESSG.	40584	SHAHIN	MM	6-1751 FLUESSIGK.	58573		G	11-1222 KERNREAKTIO	431
		6- 435 MASER,LASER	28060	SHAIIDUROV	VI	9-1361 MOLEKUELE	52575			11- 895 STARKE WW.	411
SETTI	G	11-1915 FLUESSIGK.	58543			9-2029 THERMEIG.FK	67550			11- 896 STARKE WW.	411
		7-2942 KOSM.PHYSIK	94550	SHAIL	R	5-1548 PLASMA	57040		II	1-2780 ASTROPHYSIK	931
	RL	8-3000 KOSM.PHYSIK	94560	SHAIMANOV	IS	5-1283 ATOME	52045			1-2801 PLANETEN	931
		3- 871 STARKE WW.	41783	SHAKED	H	2-1683 KRISTALLE	65576			1-2806 PLANETEN	931
		7- 923 STARKE WW.	41730	SHAKER	MO	2- 931 KERNSTRUKT.	42080			6-2744 ERDKOERPER	901
SETTLE	JL	8-1051 STARKE WW.	41790	SHAKESHAFT	JR	6-2940 KOSM.PHYSIK	94510			6-2883 PLANETEN	931
SETTLES	RA	8- 457 WAERME	24040			7-2753 LUFTHUELLE	90860			10-2975 PLANETEN	931
SETTY	DLR	2- 492 MASER,LASER	28055			7-2940 KOSM.PHYSIK	94550			10-2979 PLANETEN	931
SEUCAN	S	11-2986 FK-SPEKTREN	73370	SHAKH BUDAGOV A.L.		8-2742 KOSM.STRLG.	90660			12- 361 FELDTHEORIE	181
SEUFERT	H	3-1596 FLUESSIGK.	58570			2-1888 GITTERDYN.	67020		IS	12- 362 FELDTHEORIE	181
SEUNO	S	1-1285 K-REAKTOREN	43515			7-2039 GITTERDYN.	67020			4-1188 KERNREAKTIO	431
SEVCHENKO	AN	1-1399 ATOME	52010			12-2393 GITTERDYN.	67020			6-1025 KERNREAKTIO	431
		2-2554 FK-SPEKTREN	73325			9-1002 KERNREAKTIO	43005			9-1002 KERNREAKTIO	431
		3-1248 MOLEKUELE	52526	SHAKHBAZIAN BA		2- 875 STARKE WW.	41762			10- 925 STARKE WW.	411
		9-1300 MOLEKUELE	52528	SHAKHNAZARYAN Y.G.		3-1002 KERNREAKTIO	43005		J	11- 816 STARKE WW.	411
		10-2581 FK-SPEKTREN	73325			10- 858 ELEMENTART.	41563		JA	2- 883 STARKE WW.	411
SEVERI	M	10-2713 OPT.EIG.FK	73635	SHAKHNOVICH MI		6-1808 KRISTALLE	65518		KA	12-1093 STARKE WW.	411
	C	10- 873 ELEMENTART.	41574			8-2578 OPT.EIG.FK	73605		MH	3-1548 FLUESSIGK.	581
	H	5- 502 TEILCH.OPT.	27030			9-2605 OPT.EIG.FK	73640			1-1087 KERNPEKTR.	421
	PJ	2-2122 MAGN.EIG.FK	69045	SHAKHOVA	AB	9-2605 OPT.EIG.FK	73640			12-1235 KERNPEKTR.	421
		4-1339 KERNSTRUKT.	44037		TI	4-1908 KRIST.FEHL.	66020		MM	2-1253 MOLEKUELE	521
		6-1494 PLASMA	57070			6- 785 STARKE WW.	41735		NB	10-2846 ERDKOERPER	901
SEVERNY	AD	10-2966 SONNENPHYS.	93324	SHAKHPARONOV M.I.		4-1791 FLUESSIGK.	58543		R	4-2681 GEOMAGNET.	901
SEVERYANINA	EM	11-3063 DUENNE SCHI	74010			7-1730 FLUESSIGK.	58543		RK	8-2171 MAGN.EIG.FK	691
SEVIGNY	L	8- 663 OPT.INSTRUM	28570			9-2284 HALBLEITER	71530		S	4-2279 SUPRALEITG.	701
SEVILLE	AH	10- 467 ELEKTRIZIT.	26012	SHAKHTIN	DM	11-3021 OPT.EIG.FK	73630			7-2254 SUPRALEITG.	701
SEVIN	J	1-2540 FK-SPEKTREN	73380	SHAKHVERDOV TA		4-1050 KERNSTRUKT.	42060			12-2690 SUPRALEITG.	701
SEVRUKOVA	LM	11-2756 HALBLEITER	71570	SHAKIN	CM	4-1051 KERNSTRUKT.	42060		SL	5-1470 MOLEKUELE	521
SEWARD	F	4-2874 KOSM.PHYSIK	94540			7-1028 KERNSTRUKT.	42070			5-1826 FLUESSIGK.	581
		8-2981 KOSM.PHYSIK	94540			11-1095 KERNPEKTR.	42555			6- 402 MASER,LASER	281
	FD	9-2977 KOSM.PHYSIK	94540	SHAKIROV	M	4-2580 DUENNE SCHI	74040			10- 572 MASER,LASER	281
SEWELL	WD	2-1927 THERMEIG.FK	67520	SHAKLEE	KL	1-2523 OPT.EIG.FK	73610		SM	1-2508 FK-SPEKTREN	731
	GL	1- 234 STATISTIK	17530	SHAKMANOV	YV	6-2664 DUENNE SCHI	74040		VD	8-1672 PLASMA	571
	KG	2-1200 ATOME	52075	SHALABUTOV YK		10-2692 OPT.EIG.FK	73605		VG	5-2211 FK-SPEKTREN	731
	PA	3- 78 LABORTECHN.	12550	SHALAEVSKII HP		2- 997 KERNPEKTR.	42575			9-2136 MAGN.EIG.FK	691
		1-2648 GRENZFL.FK	74535	SHALAGINA	EY	6- 861 STARKE WW.	41783	SHAPKIN	VV	12-2506 DIELEKTRIKA	681
		2-2670 GRENZFL.FK	74535	SHALAMOV	YY	3-1011 KERNREAKTIO	43014			2-2045 FK-SPEKTREN	731
	PB	5-2750 GRENZFL.FK	74520	SHALDIN	YV	5-2629 OPT.EIG.FK	73610			12-1869 PLASMA	571
SEXER	N	2-2316 HALBLEITER	71520			7-2537 OPT.EIG.FK	73610	SHAPLEY	AH	7-2680 GEOPHYSIK	901
SEXL	R	12- 342 FELDTHEORIE	18040	SHALEPA	SV	9-2610 OPT.EIG.FK	73645	SHAPOSHNIKOV I.G.			
RU	T	2- 228 FELDTHEORIE	18060			12-3213 DUENNE SCHI	74060			12-2943 FK-SPEKTREN	731
		6- 86 MATH.PHYSIK	16000	SHALIMOVA	KV	1-2623 DUENNE SCHI	74040	SHAPOVALOV	VA	3-2064 FK-SPEKTREN	731
		11- 278 HYDRODYN.	23020			6-2642 DUENNE SCHI	74010		VN	4-2006 GITTERDYN.	671
SEXTON	JL	11-1652 PLASMA	57010			6-2665 DUENNE SCHI	74040			5-1764 FLUESSIGK.	581
	MC	1-1526 PLASMA	57010			10-2722 OPT.EIG.FK	73640			7-2432 FK-SPEKTREN	731
SEYA	M	7- 623 OPT.INSTRUM	28530	SHALNEV	KK	11-3098 DUENNE SCHI	74040	SHARAF	MA	10- 164 QUANTENTHEO	161
		7- 624 OPT.INSTRUM	28530	SHALNIKOV	AI	8- 410 HYDRODYN.	23070	SHARAFUTDINOV R.F.</			

B	12-2414	THERMEIG.FK	67500	SHAVRIN	PI	7-2720	KOSM.STRLG.	90610	SHEINFELD	VL	6-1622	FLUESSIGK.	58540
M	9-2334	HALBLEITER	71585			8-2822	MAGNETOSPH.	91230			11-1914	FLUESSIGK.	58540
BL	1-1701	GASENTLADG.	57840	SHAYTVALOV	LY	11-1102	KERNSPKTR.	42555	SHEININ	SS	2-1670	KRISTALLE	65572
AND	3-1180	ATOME	52065	SHAW	AMB	7-2626	KRISTALLE	65572	SHEINKMAN	AI	12-2174	KRISTALLE	65572
	4-1425	ATOME	52075		AW	11- 279	HYDRODYNAM.	23020			12-2349	MECH.EIG.FK	66518
HHK	11- 507	OPT.INSTRUM	28550		DE	4-1485	MOLEKUELE	52540		MK	1-2433	PHOTOLEITG.	72510
GH	11- 612	KERN-MESSG.	40565			7-1434	MOLEKUELE	52540			5-2545	PHOTOLEITG.	72530
SKAYA DI	1- 413	WAERME	24010		DM	8-2769	LUFTHUELLE	90840			7-2350	HALBLEITER	71563
	2- 324	WAERME	24010		DTK	3-1477	GASENTLADG.	57840			7-2394	PHOTOLEITG.	72510
	6- 294	WAERME	24010		DW	10-2753	DUENNE SCHI	74010			9-2351	PHOTOLEITG.	72510
SKII BA	6- 71	VAKUUM	13016		ER	2-2572	DUENNE SCHI	74010			12-3116	OPT.EIG.FK	73620
STEIN AK	2- 610	PHYS.OPTIK	29066		G	3- 855	STARKE WW.	41767			12-3118	OPT.EIG.FK	73625
DDIN SM	10- 383	HYDRODYNAM.	23030			5- 813	ELEMENTART.	41560			12-3125	OPT.EIG.FK	73635
POVA LS	6-1624	FLUESSIGK.	58510			10- 231	QUANTENTHEO	16585	SHEKA	DI	3-2502	FK-SPEKTREN	73325
	11- 602	KERN-MESSG.	40535		GE	4-2744	LUFTHUELLE	90880			10-2501	HALBLEITER	71580
	1-2626	DUENNE SCHI	74060		GL	5- 884	STARKE WW.	41725	SHEKHMAMETEV	R.I.	3-2065	FK-SPEKTREN	73355
BL	2-1748	KRIST.FEHL.	66025			8-1029	STARKE WW.	41764	SHEKHTER	VM	11- 736	ELEMENTART.	41563
BS	7-1704	FLUESSIGK.	58530			12- 987	STARKE WW.	41710	SHEKHTMAN	LA	8- 513	ELEKTRODYN.	26520
CS	6- 90	QUANTENTHEO	16530		HJ	5- 368	AKUSTIK	23570			8- 514	ELEKTRODYN.	26520
	10-1396	ATOME	52010		JE	2- 520	OPT.INSTRUM	28530	SHEKUN	LY	2-1752	KRIST.FEHL.	66025
	12-1473	ATOME	52010		JH	9-1307	MOLEKUELE	52536			3-2066	FK-SPEKTREN	73355
D	2-1275	MOLEKUELE	52524			11-1565	MOLEKUELE	52560			3-2165	MAGN.EIG.FK	69065
DDP	6- 513	PHYS.OPTIK	29033		ML	1-2667	GRENZFL.FK	74570			6-2210	FK-SPEKTREN	73355
HC	8-1150	KERNSPKTR.	42560		MP	7-2262	SUPRALEITG.	70520			7-2486	FK-SPEKTREN	73355
MC	12-1033	STARKE WW.	41730		N	4- 684	OPT.INSTRUM	28553			8-2528	FK-SPEKTREN	73355
NK	7- 265	FELDTHEORIE	18040		PB	3-2898	STERNE	94040			8-2532	FK-SPEKTREN	73355
OP	7- 582	MASER,LASER	28060		PH	12-1940	FLUESSIGK.	58510			11-2918	FK-SPEKTREN	73355
PK	7-2105	THERMEIG.FK	67556		RP	1- 402	AKUSTIK	23530	SHELDON	BM	3- 744	ELEMENTART.	41564
	11-2286	DIELEKTRIKA	68030		RW	2-2286	SUPRALEITG.	70550		E	3-1010	KERNREAKTIO	43014
RD	1-2557	OPT.EIG.FK	73640		SM	10-3145	STRAHL.BIOL	97010		JW	11-1581	MOLEKUELE	52575
	2- 807	STARKE WW.	41740		W	11-2615	SUPRALEITG.	70540		WR	7- 737	KERN-MESSG.	40503
	2-2423	PHOTOLEITG.	72510		WJ	10- 340	MECHANIK	22036	SHELDRIK	GM	6-1364	MOLEKUELE	52553
	3-2222	LEITFHGK.FK	70053			7-2189	LEITFHGK.FK	70010	SHELEKHIN	YL	6-2211	FK-SPEKTREN	73355
	5-1486	MOLEKUELE	52575	SHAW JR.	RW	11-2345	MAGN.EIG.FK	69025			8-1869	KRISTALLE	65545
RK	6-1877	KRIST.FEHL.	66015	SHAWLOW	AL	10- 158	QUANTENTHEO	16516	SHELEPIN	LA	3- 521	MASER,LASER	28055
RP	5-1068	KERNSPKTR.	42555	SHAY	D	4-2641	GRENZFL.FK	74570			6-1407	ELEMENTART.	41510
	7-1102	KERNSPKTR.	42555		JL	12-2628	LEITFHGK.FK	70028			7- 569	MASER,LASER	28055
	7-2748	LUFTHUELLE	90840	SHCHANIN	RM	2- 685	BESCHLEUNIG	41040			12-1729	PLASMA	57010
	10-2539	FK-SPEKTREN	73310	SHCHEBIOT	UV	8-1229	KERNREAKTIO	43064	SHELEPSIN	LA	10-1643	PLASMA	57010
RR	2-2221	LEITFHGK.FK	70053	SHCHEDRINA	MV	9-1537	PLASMA	57210	SHELEPUGIN	YK	6-2430	HALBLEITER	71530
S	2-2691	GRENZFL.FK	74583	SHCHEGLOV	DA	3-2719	GEOMAGNET.	90430	SHELEST	AV	4- 290	STATISTIK	17520
	4-2327	HALBLEITER	71520	SHCHEGOLEV	VI	5- 84	LABORTECHN.	12530	SHELIKOVA	LE	6-2129	THERMEIG.FK	67550
SD	10-1548	MOLEKUELE	52538		VA	8-1178	KERNSPKTR.	42575	SHELINE	RK	1-1011	KERNSTRUKT.	42075
SK	3-2639	DUENNE SCHI	74040			8-1180	KERNSPKTR.	42575			3- 971	KERNSPKTR.	42565
	12-3203	DUENNE SCHI	74040	SHCHEGOLEVA	TV	11-2063	KRISTALLE	65588			3- 972	KERNSPKTR.	42565
SN	5-2169	FK-SPEKTREN	73370	SHCHEGOLIKHINA	S.V.	8-2671	GRENZFL.FK	74520			5-1021	KERNSTRUKT.	42080
	11-2951	FK-SPEKTREN	73370			3- 369	THERMODYN.	24520			6- 983	KERNSPKTR.	42565
	12-3060	FK-SPEKTREN	73370	SHCHEKATOLINA	S.A.	10-2093	MECH.EIG.FK	66516			7-1116	KERNSPKTR.	42565
SR	5-1605	PLASMA	57070			2- 478	MASER,LASER	28045			7-1121	KERNSPKTR.	42565
	11-1738	PLASMA	57070	SHCHELEPNIKOVA	A.G.	6- 407	MASER,LASER	28045			10-1120	KERNSPKTR.	42555
Y	7-1046	KERNSPKTR.	42515	SHCHELEV	MY	2-1526	GASE	58060			11-1126	KERNSPKTR.	42565
COFF	2-2039	FK-SPEKTREN	73355			6- 407	MASER,LASER	28045			11-1316	KERNREAKTIO	43068
M	2-2461	FK-SPEKTREN	73320			7-1772	FLUESSIGK.	58570	SHELKOVNIKOV	N.K.	8-2725	ERDKOERPER	90260
B	4-2177	MAGN.EIG.FK	69050	SHCHELKHIN	AP	4- 800	KERN-MESSG.	40505		VN	10-2295	MAGN.EIG.FK	69040
	11-2483	MAGN.EIG.FK	69060	SHCHELOKOV	RN	11-2916	FK-SPEKTREN	73355	SHELLARD	EJ	5- 18		11525
	12-2421	THERMEIG.FK	67510	SHCHELYEV	MY	3- 510	MASER,LASER	28045	SHELLEY	EG	6-1059	KERNREAKTIO	43048
YY	1-1039	KERNSPKTR.	42525			3-1458	PLASMA	57256			11-1231	KERNREAKTIO	43048
AR	12-2570	MAGN.EIG.FK	69060	SHCHEMELEV	VN	1- 727	KERN-MESSG.	40518			11-1232	KERNREAKTIO	43048
DH	9- 839	STARKE WW.	41750			2-2681	GRENZFL.FK	74570	SHELONTSEV	II	11- 666	BESCHLEUNIG	41040
	9- 840	STARKE WW.	41750	SHCHEPETNOV	R	11-3236	GEOMAGNET.	90450	SHELOPUT	DV	6-2100	GITTERDYN.	67060
EJ	1-2144	MAGN.EIG.FK	69060	SHCHEPKIN	BY	3-1451	PLASMA	57270	SHELTON	WN	3- 972	KERNSPKTR.	42565
GW	7-2782	IONOSPHERE	91020	SHCHERBA	LD	10-1429	ATOME	52047	SHELUDKO	OV	1-2622	DUENNE SCHI	74040
JV	2-1804	KRIST.FEHL.	66070	SHCHERBACHENKO	R.I.	1-1750	FLUESSIGK.	58527	SHELYAKIN	LI	6-2664	DUENNE SCHI	74040
	6- 234	ELASTIZIT.	22530			11-606	KERN-MESSG.	40552	SHELYUBSKII	VI	1-1754	FLUESSIGK.	58530
RD	4-2696	GEOMAGNET.	90470	SHCHERBAKOV	YA	11- 346	MECHANIK	22032	SHEMBEL	BK	9-1545	PLASMA	57235
	9-2738	GEOMAGNET.	90470		YE	8- 346	MECHANIK	22032			11- 652	BESCHLEUNIG	41010
	10-2919	IONOSPHERE	91020	SHCHERBAKOVA	M.N.	11- 919	STARKE WW.	41783	SHEMDIN	OH	5- 347	HYDRODYNAM.	23060
RT	3- 119	QUANTENTHEO	16516			9-2029	THERMEIG.FK	67550	SHEMETILLO	NV	7- 367	WAERME	24020
	3- 123	QUANTENTHEO	16516	SHCHERBEDINSKII	G.V.	10- 717	PHYS.OPTIK	29066	SHEMMING	J	5-1267	ATOME	52070
	9- 114	QUANTENTHEO	16516			10- 717	PHYS.OPTIK	29066	SHEN	BC	3- 866	STARKE WW.	41778
	12- 178	QUANTENTHEO	16516	SHCHERBINA	DM	1-1580	PLASMA	57045			5- 980	STARKE WW.	41770
TE	10-1590	MOLEKUELE	52580	SHCHERBININ	EV	6-1438	PLASMA	57045		CS	2-2877	KOSM.PHYSIK	94530
PE JR. WN	10- 347	ELASTIZIT.	22510			10- 643	OPT.INSTRUM	28540	LYL	8-2415	HALBLEITER	71570	
PEY SCHAFER	J.F.			SHCHERBOV	DP	9-2495	FK-SPEKTREN	73355	MC	1-2740	LUFTHUELLE	90840	
	1-1244	KERNREAKTIO	43064	SHCHEVELEV	MI	4-2386	HALBLEITER	71590			2-1336	POLYMERE	53542
	1-1248	KERNREAKTIO	43066			5-1980	KRIST.FEHL.	66035		ML	6-1382	POLYMERE	53540
	9- 948	KERNSPKTR.	42545	SHCHUROV	VA	11-2753	HALBLEITER	71570		YR	5- 589	MASER,LASER	28060
	11-1182	KERNREAKTIO	43012			4-2189	MAGN.EIG.FK	69060			6-1751	FLUESSIGK.	58573
VIN	6-2362	SUPRALEITG.	70510			10-2335	MAGN.EIG.FK	69070			10-2377	DIELEKTRIKA	68000
VINA	8-2822	MAGNETOSPH.	91230		CY	12-1523	ATOME	52040	SHENDALMAN	LH	2-1558	FLUESSIGK.	58540
IKOV	5- 390	WAERME	24050	SHE	RSC	11-1853	GASE	58010	SHENDEROVSKY	V.A.	1-2240	LEITFHGK.FK	70072
OUA	1- 617	OPT.INSTRUM	28526	SHEA	MA	1-2715	KOSM.STRLG.	90630	SHENOV	OK	3-2029	FK-SPEKTREN	73345
HUNKINA VM	4-2786	IONOSPHERE	91072	SHEAFF	H	3- 817	STARKE WW.	41740			10-2539	FK-SPEKTREN	73310
	9-2792	IONOSPHERE	91050	SHEAFFER	YS	6-2919	STERNE	94025		SU	9-1580	GASENTLADG.	57810
HURIN IP	8-1647	PLASMA	57085	SHEARER	JW	12-1769	PLASMA	57053		VB	12-1536	ATOME	52060
	11-1762	PLASMA	57085	SHEARIN	PE	3-1829	KRIST.FEHL.	66065	SHEOREY	HK	8- 887	ELEMENTART.	41570
UOLSKAYA M.P.	10- 55	TAGUNGEN	10563			7- 74	LABORTECHN.	12530	SHEPARD		12- 256	QUANTENTHEO	16582
KOLSKAYA M.P.	2-1919	GITTERDYN.	67070	SHEBANOV	VA	4- 907	ELEMENTART.	41572			12- 980	STARKE WW.	41700
	9-1977	GITTERDYN.	67060	SHEBEKO	AV	3-1003	KERNREAKTIO	43005		P	12-1029	STARKE WW.	41730
	9-1984	GITTERDYN.	67070	SHEBLE	AM	5-1856	KRISTALLE	65518	SHEPELEV	AG	3-1954	GITTERDYN.	67060
KOV	8-2100	THERMEIG.FK	67520	SHECHTER	E	8-1542	POLYMERE	53546	SHEPETNOV	RV	2-2727	GEOMAGNET.	90450
TRY	3- 174	QUANTENTHEO	16578		H	8-2448	FK-SPEKTREN	73310	SHEPARD	DW	7- 905	STARKE WW.	41725
S	3- 915	KERNSPKTR.	42535			12-3206	DUENNE SCHI	74050		WD	7- 907	STARKE WW.	41725
ASHVILI LK	3-2757	KOSM.STRLG.	90633			6-2148	DIELEKTRIKA	68020			12-1003	STARKE WW.	41725
	9-2748	KOSM.STRLG.	90636	SHEDLUDKO	OV	2-2828	SonnenPHYS.	93324	SHEPHERD	BJ	12-1305	KERNREAKTIO	43008
INSKY VM	12-1299	KERNSPKTR.	42575	SHEELLY JR.	NR	4-1949	KRIST.FEHL.	66065		GG	4- 25	BIOGRAPHIEN	10230
KAY	7-1734	FLUESSIGK.	58546	SHEELY	WF	2- 606	PHYS.OPTIK	29066			4-2680	GEOMAGNET.	90440
UNOVA AV	1-1845	KRISTALLE	65572	SHEEN	DB	7-1458	MOLEKUELE	52570			5- 623	OPT.INSTRUM	28545
	1-2445	FK-SPEKTREN											

SHEPPARD	DM	1-1229	KERNREAKTIO	43054	SHIEH	PS	1-1288	K-REAKTOREN	43515	SHIN	C	6-1072	KERNREAKTIO	43
		1-1230	KERNREAKTIO	43054		SY	7- 870	ELEMENTART.	41563		EEH	10-2496	HALBLEITER	71
	LM	8-2743	LUFTHUELLE	90800			8- 262	QU.FELDTHEO	17020		HK	3-1260	MOLEKUELE	52
SHER	A	3-2445	HALBLEITER	71540			9- 759	ELEMENTART.	41563	SHINADA	M	8-1476	MOLEKUELE	52
		12-3251	GRENZFL.FK	74540			10-2388	LEITFHKG.FK	70056			1-2526	OPT.EIG.FK	73
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		4- 793	KERN-MESSG.	40520		WT	8-1921	KRIST.FEHL.	66010	SHINAGAWA	K	7-2434	FK-SPEKTREN	73
		10-1110	KERN-SPEKTR.	42550	SHIELD	E	11-1252	KERNREAKTIO	43052	SHINBROT	M	4- 381	HYDRODYNAM.	23
	R	2- 654	KERN-MESSG.	40548	SHIELDS	FD	12-1927	GASE	58030	SHINDO	Y	6-2574	OPT.EIG.FK	73
		4-1301	K-REAKTOREN	43515		HW	2-2037	FK-SPEKTREN	73555	SHINER	T	11- 403	HF-TECHNIK	27
		7-1176	KERNREAKTIO	43044		MA	6-2141	DIELEKTRIKA	68020	SHINJO	T	3-1660	FK-SPEKTREN	73
		7-1177	KERNREAKTIO	43044	SHIENOK	GG	10-2693	OPT.EIG.FK	73605			6-1832	FK-SPEKTREN	73
		9-1132	KERNSTRHLG.	44010	SHIFFMAN	CA	6-2304	LEITFHKG.FK	70024			6-2220	MAGN.EIG.FK	69
SHERA	EB	3- 693	KERN-MESSG.	40540			8-2203	MAGN.EIG.FK	69060	SHINODA	D	3-2601	DUENNE SCHI	74
		3- 972	KERN-SPEKTR.	42565	SHIFRIN	EG	3- 326	HYDRODYNAM.	23060	SHINOHARA	M	3- 77	LABORTECHN.	12
		10-1120	KERN-SPEKTR.	42555			11- 296	HYDRODYNAM.	23020			8- 123	LABORTECHN.	12
SHERBAKOV	YA	4- 818	KERN-MESSG.	40560		GA	3-2268	LEITFHKG.FK	70074			11-2818	FK-SPEKTREN	73
SHERCLIFF	JA	6-1434	PLASMA	57045			7-2347	HALBLEITER	71560		U	2-2616	DUENNE SCHI	74
SHERDEN	D	2- 814	STARKE WW.	41740		KS	10-2915	LUFTHUELLE	90890			7-2115	DIELEKTRIKA	68
SHERGIN	AP	5-1328	ATOME	52065	SHIGA	F	5-2617	FK-SPEKTREN	73380		Y	12-1715	POLYMERE	53
SHERIDAN	KV	12-3394	Sonnenphys.	93324			9-2698	GRENZFL.FK	74570	SHINZI	K	4- 264	QU.FELDTHEO	17
	TP	11- 58	LABORTECHN.	12570		K	1-2368	HALBLEITER	71540	SHIOJIRI	M	10-1268	KERNREAKTIO	43
SHERIF	H	11-1237	KERNREAKTIO	43050			6-2502	PHOTOLEITG.	72510	SHIOTANI	S	12-3187	DUENNE SCHI	74
SHERMAN	A	1-1564	PLASMA	57045		M	3-2157	MAGN.EIG.FK	69060	SHIOTMI	M	6-2004	KRIST.FEHL.	66
		3-1356	PLASMA	57045	SHIGEMATSU	A	5- 732	KERN-MESSG.	40518	SHIOZAKI	S	7-2435	FK-SPEKTREN	73
		11-1690	PLASMA	57045	SHIGENARI	T	5-1420	MOLEKUELE	52543			8-1750	FLUESSIGK.	58
AB		2-2111	MAGN.EIG.FK	69040	SHIGI	T	8-2350	SUPRALEITG.	70550			10-2727	OPT.EIG.FK	73
FS		12- 416	HYDRODYNAM.	23020			11-2631	SUPRALEITG.	70520			11-2847	FK-SPEKTREN	73
GC		3- 594	OPT.INSTRUM	28570		VA	4-1290	KERNREAKTIO	43092			11-2891	FK-SPEKTREN	73
		8- 665	OPT.INSTRUM	28570	SHIGORIN	DN	12-1402	KERNREAKTIO	43090			11-3023	OPT.EIG.FK	73
		8- 708	PHYS.OPTIK	29035			5-1416	FLUESSIGK.	58576			12-2808	HALBLEITER	71
		11- 546	PHYS.OPTIK	29045			5-1417	FLUESSIGK.	58576	SHIOSAKI	T	12-2107	KRISTALLE	65
IS		1- 734	KERN-MESSG.	40540		VD	9-1391	MOLEKUELE	52585	SHIOTAKE	N	2- 560	OPT.INSTRUM	28
JC		7-2813	MAGNETOSPH.	91230		VP	9- 415	ELEKTRIZIT.	26010	SHIOTANI	S	3- 84	LABORTECHN.	12
M		6- 265	HYDRODYNAM.	23050	SHIH	KK	11-2088	KRIST.FEHL.	66025	SHIOZAKI	I	8-1920	KRISTALLE	65
MP		11-1708	PLASMA	57050			11-2264	THERMEIG.FK	67556		T	12- 278	QU.FELDTHEO	17
NK		6- 591	KERN-MESSG.	40540			12-3140	OPT.EIG.FK	73645		Y	12-1077	STARKE WW.	41
		7- 782	KERN-MESSG.	40540		KT	12-3141	OPT.EIG.FK	73645			9-1789	KRISTALLE	65
WF		6-2531	FK-SPEKTREN	73330	SHIINA	S	7-1506	PLASMA	57017	SHIOZAWA	T	6- 525	PHYS.OPTIK	29
SHERMANZON	EM	6- 342	ELEKTRIZIT.	26060			5-1659	PLASMA	57260			8- 729	PHYS.OPTIK	29
SHERR	T	7-1071	KERN-SPEKTR.	42545	SHIKHLINSKAYA	R.E.	8- 421	AKUSTIK	23520	SHIPILO	VB	10-2127	MECH.EIG.FK	66
SHERRILL	FA	6-1945	KRIST.FEHL.	66035		SB	2-1104	K-REAKTOREN	43510	SHIPP	JI	2-1432	PLASMA	57
		12-2304	KRIST.FEHL.	66065	SHIKHOV	IS	1-2854	KOSH.PHYSIK	94583			9-1584	GASENTLADG.	57
SHERRINGTON	D	5- 240	STATISTIK	17560	SHIKIN	VB	6-2387	SUPRALEITG.	70550	SHIPUK	IY	12-1781	PLASMA	57
		11-2962	FK-SPEKTREN	73370			12-2726	SUPRALEITG.	70550	SHIPULIN	II	6-1428	PLASMA	57
SHERSHEL	VA	9-2262	HALBLEITER	71505	SHIKINA	NI	12-2726	SUPRALEITG.	70550	SHIPULO	GP	9-1391	MOLEKUELE	52
		9-2263	HALBLEITER	71505	SHILDYAEV	VS	7- 559	MASER,LASER	28050	SHIRAFUJI	T	5- 224	QU.FELDTHEO	17
SHERSHEV	BS	9-1669	FLUESSIGK.	58530	SHILEIKA	AY	6-2069	MECH.EIG.FK	66556			7- 183	QU.FELDTHEO	17
SHERSTKOV	YA	9-2495	FK-SPEKTREN	73355			6-2567	OPT.EIG.FK	73610	SHIRAI	T	8-1049	STARKE WW.	41
SHERSTYUK	AI	3-1563	FLUESSIGK.	58530	SHILNIKOV	YR	5-2210	FK-SPEKTREN	73360	SHIRAIISHI	K	8-1999	KRIST.FEHL.	66
		12-2117	KRISTALLE	65540	SHILOV	BY	2- 997	KERN-SPEKTR.	42575	SHIRAKAWA	Y	4-2203	MAGN.EIG.FK	69
SHERWOOD	AI	5-1063	KERN-SPEKTR.	42555	SHILOVA	MV	11-3202	GRENZFL.FK	74570	SHIRANE	G	2-1861	MECH.EIG.FK	69
AR		12-1891	GASENTLADG.	57815	SHIMA	A	10- 397	HYDRODYNAM.	23070			3-1916	GITTERDYN.	67
BA		4- 876	ELEMENTART.	41546		K	1- 134	QUANTENTHEO	16516			4-2183	MAGN.EIG.FK	69
BF		5- 636	OPT.INSTRUM	28560	SHIMADA	T	7-2364	HALBLEITER	71570			5-2068	GITTERDYN.	67
JN		12-2232	KRIST.FEHL.	66020	SHIMAHARA	H	12-1750	PLASMA	57033			6-2087	GITTERDYN.	67
NT		12-2752	HALBLEITER	71520	SHIMAHARA	H	7-2024	MECH.EIG.FK	66			7-2024	MECH.EIG.FK	66
PJ		6-2045	MECH.EIG.FK	66540	SHIMAMOTO	S	2-2281	SUPRALEITG.	70530			9-2081	MAGN.EIG.FK	69
R		11-2484	MAGN.EIG.FK	69060		Y	5-2432	SUPRALEITG.	70560			10-2122	MECH.EIG.FK	66
RC		3-2133	MAGN.EIG.FK	69045	SHIMAMURA	K	9- 994	KERNREAKTIO	43005			10-2230	MAGN.EIG.FK	69
		7-2167	MAGN.EIG.FK	69050		T	3-1899	MECH.EIG.FK	66556			10-2275	MAGN.EIG.FK	69
		10-2626	FK-SPEKTREN	73355	SHIMANOUCI	T	5-2589	FK-SPEKTREN	73330			10-2277	MAGN.EIG.FK	69
		11-2198	MECH.EIG.FK	66553			8-1514	POLYMERE	53535	SHIRATO	S	7- 742	KERN-MESSG.	40
		11-2504	MAGN.EIG.FK	69065	SHIMANOVICH	VD	10-1536	MOLEKUELE	52530	SHIREN	MS	12-2968	FK-SPEKTREN	73
		11-2811	FK-SPEKTREN	73310	SHIMANSKY	YI	12-1666	MOLEKUELE	52560	SHIRKE	JS	8-2797	IONOSPHERE	91
TR		10- 789	BESCHLEUNIG	41020			4- 472	WAERME	24040	SHIRKO	SF	1-2674	GRENZFL.FK	74
WA		10- 792	BESCHLEUNIG	41020	SHIMAOKA	K	7-2120	DIELEKTRIKA	68030	SHIRKOV	DV	1- 847	STARKE WW.	41
SHESTAKOV	VD	4- 891	ELEMENTART.	41546	SHIMAUCHI	M	7-1408	MOLEKUELE	52524			3- 802	STARKE WW.	41
VG		6- 644	BESCHLEUNIG	41040	SHIMAZAKI	T	1-2728	LUFTHUELLE	90820			4- 932	STARKE WW.	41
SHESTAKOVA	VA	11-2881	FK-SPEKTREN	73330	SHIMAZAKI	A	12-1448	KERNSTRHLG.	44020			4- 944	STARKE WW.	41
SHESTOPALOV	LM	3-1853	KRIST.FEHL.	66065	SHIMAZAKI	F	1-1795	FLUESSIGK.	58570			5- 856	STARKE WW.	41
		11-1644	POLYMERE	53546			5- 588	MASER,LASER	28060			8- 939	STARKE WW.	41
		12- 690	OPT.INSTRUM	28556		X	11-2113	KRIST.FEHL.	66035	SHIRLEY	DA	3-1636	KRISTALLE	65
	VP	2- 580	PHYS.OPTIK	29030			11-2806	PHOTOLEITG.	72530			4-1458	MOLEKUELE	52
		8- 706	PHYS.OPTIK	29030		KI	3-1716	KRISTALLE	65588			11-1085	KERN-SPEKTR.	42
YN		4- 106	MESSEN	12200		M	1-1925	MECH.EIG.FK	66514			11-1128	KERN-SPEKTR.	42
SHESTOPALOVA	S.A.						2-2091	MAGN.EIG.FK	69030			11-1997	KRISTALLE	65
		6- 994	KERN-SPEKTR.	42565			6-2110	THERMEIG.FK	67510			12-3037	FK-SPEKTREN	73
SHESTOPEROV	YY	6- 845	STARKE WW.	41780			6-2262	MAGN.EIG.FK	69040			3-1188	ATOME	52
		6-2779	KOSH.STRLG.	90630			9-2004	THERMEIG.FK	67510	SHIRAMMEDOV	M	2-2774	IONOSPHERE	91
		7-2727	KOSH.STRLG.	90660			10-2980	PLANETEN	93610	SHIRN	GA	10-2081	KRIST.FEHL.	66
		10-1001	STARKE WW.	41783			11-2375	MAGN.EIG.FK	69030	SHIROCHENSKAYA	I.V.			
		11-3266	KOSH.STRLG.	90646			12-2569	MAGN.EIG.FK	69060			1- 30	TABUNGEN	10
		12- 780	KERN-MESSG.	40512			1-1129	KERN-SPEKTR.	42565	SHIROKI	KI	5- 77	LABORTECHN.	12
SHESTOV	AN	4- 624	MASER,LASER	28045		T	4- 609	MASER,LASER	28020	SHIROKOPYTOV	V.G.			
SHETH	CV	10-2355	KRISTALLE	65545			4-1869	KRISTALLE	65545			4- 522	ELEKTRIZIT.	26
		11- 96	QUANTENTHEO	16526			9-3009	KOSH.PHYSIK	94586	SHIROKOV	KP	1- 31	TABUNGEN	10
SHEVCHENKO	AK	2-2031	FK-SPEKTREN	73355			12-1641	MOLEKUELE	52543		MF	8- 326	FELDTHEORIE	18
	NG	1-1198	KERNREAKTIO	43036			12-1645	MOLEKUELE	52547		HI	8- 266	QU.FELDTHEO	17
		5-1130	KERNREAKTIO	43034	SHIMMINS	AJ	9-2986	KOSH.PHYSIK	94550			11- 159	QU.FELDTHEO	17
		8-1198	KERNREAKTIO	43036			11-3443	KOSH.PHYSIK	94550		YM	9- 495	MASER,LASER	28
		9-1014	KERNREAKTIO	43034			11-3444	KOSH.PHYSIK	94550	SHIROKOVA	EI	9-2709	ERDKOERPER	90
		11- 599	KERN-MESSG.	40532	SHIMODA	K	2-1262	MOLEKUELE	52543	SHIROM	M	10-1835	FLUESSIGK.	58
	OA	10-2446	SUPRALEITG.	70550			3- 479	MASER,LASER	28020	SHIRSHOV	YM	4-2330	HALBLEITER	71
	SA	3-2382	HALBLEITER	71566			3- 512	MASER,LASER	28045			12-2775	HALBLEITER	71
	VF	10- 762	KERN-MESSG.	40584			4- 609	MASER,LASER	28020	SHISHELOV	AA	9-1894	KRIST.FEHL.	66
	VI	11-1742	PLASMA	57075			11- 443	MASER,LASER	28040	SHISHKIN	GV	11- 700	ELEMENTART.	41
SHEVELEV														

IN	DN	10-1971	KRISTALLE	65572	SHOUCRI	MM	8-1641	PLASMA	57085	SHULL	CG	10-1976	KRISTALLE	65576
RTALOV	MT	2-2862	FK-SPEKTREN	73315	SHOUSE	PJ	3- 550	OPT.INSTRUM	28510	SHULMAN	AR	12-3261	GRENZFL.FK	74563
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PHAN	SP	9-1489	PLASMA	57070	SHPAK	MT	4- 622	MASER, LASER	28045		GA	11-1406	ATOME	52010
		9-1300	MOLEKUELE	52528			9- 511	MASER, LASER	28045		H	5- 759	KERN-MESSG.	40582
		10-2581	FK-SPEKTREN	73325	SHPANON	PA	12- 721	PHYS.OPTIK	29010		LA	8-1939	KRIST.FEHL.	66025
UTIL	EB	8-1434	MOLEKUELE	52538	SHPENIK	OB	2-1194	ATOME	52070		SG	12-3000	FK-SPEKTREN	73355
RR	AG	7-2668	GRENZFL.FK	74566	SHPENKOV	GP	11-2666	HALBLEITER	71510		Y	12-2757	HALBLEITER	71520
YSKAYA	AI	10- 908	STARKE WW.	41725	SHPIGEL	IS	6-1547	PLASMA	57250			4- 366	ELASTIZIT.	22520
		11- 801	STARKE WW.	41725			12-1882	PLASMA	57279	SHULPINA	IL	4-1936	KRIST.FEHL.	66035
		11- 802	STARKE WW.	41725	SHPILO	IA	10-2630	FK-SPEKTREN	73355			5-1964	KRIST.FEHL.	66025
		11- 803	STARKE WW.	41725			11-2223	GITTERDYN.	67060			8-1968	KRIST.FEHL.	66035
YSKII	BI	3-1951	GITTERDYN.	67060	SHPILRAIN	EE	6-1704	FLUESSIGK.	58550	SHULPYAKOV	YF	5-2707	DUENNE SCHI	74010
		8-2085	GITTERDYN.	67060			7-1725	FLUESSIGK.	58540	SHULTIN	AA	11-2877	FK-SPEKTREN	73330
		9-1976	GITTERDYN.	67060			9- 406	GASE	58045	SHULTZ	MM	5-1815	FLUESSIGK.	58565
		10-2609	FK-SPEKTREN	73340	SHPINEL	VS	2-1986	DIELEKTRIKA	68030	SHULYACHENKO	V.N.			
		11-2221	GITTERDYN.	67060			4-1855	KRISTALLE	65540			12- 838	KERN-MESSG.	40555
	IS	7-2920	KOSM.PHYSIK	94520			5-1899	FK-SPEKTREN	73310	SHUMAN	VB	6-1901	KRIST.FEHL.	66025
IVSKY	BI	8-2086	GITTERDYN.	67060			6-1831	FK-SPEKTREN	73310	SHUMILOV	DV	12-2349	MECH.EIG.FK	66518
J		10-3110	KOSM.PHYSIK	94565			8-2453	FK-SPEKTREN	73310		MA	9-1985	GITTERDYN.	67070
AREVSKII	E.E.				SHPOLSKY	EV	8-2598	OPT.EIG.FK	73625	SHUMSHUROV	VI	7-2720	KOSM.STRLG.	90610
		10-2183	THERMEIG.FK	67520	SHPUNT	AA	5-2025	MECH.EIG.FK	66514	SHUMYATSKAYA	N.G.			
	IN	1-2635	DUENNE SCHI	74060			9-1944	MECH.EIG.FK	66550			2-1708	KRISTALLE	65584
		2-2628	DUENNE SCHI	74060	SHRAIBER	VM	4-2457	FK-SPEKTREN	73330	SHUPE	MR	12-3402	PLANETEN	93613
		12-3171	DUENNE SCHI	74010			11-2885	FK-SPEKTREN	73330	SHUR	MS	2-1982	DIELEKTRIKA	68030
AREVSKY	I.N.				SHRAMKO	YP	5- 398	WAERME	24050			2-1983	DIELEKTRIKA	68030
		9-2657	DUENNE SCHI	74060			8- 453	WAERME	24030			4-2021	GITTERDYN.	67040
		12-3215	DUENNE SCHI	74065	SHRAMKOV	EG	4-2170	MAGN.EIG.FK	69010			5-2151	DIELEKTRIKA	68030
ROPAT	PI	7-1611	PLASMA	57256	SHRAUNER	E	7- 933	STARKE WW.	41740		YS	1-2137	MAGN.EIG.FK	69045
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AK	IS	6-2068	MECH.EIG.FK	66556	SHREDER	EG	9-1829	KRISTALLE	65588			10-2762	DUENNE SCHI	74010
		12-2805	HALBLEITER	71566	SHRESTHA	OM	7- 352	HYDRODYNAM.	23070	SHURALEVA	EI	8-2596	OPT.EIG.FK	73625
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SH	S	9- 937	KERN-SPEKTR.	42540			9-1056	KERNREAKTIO	43064	SHUTER	WLH	1-1356	ATOME	52024
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		3-2361	HALBLEITER	71510			9- 769	ELEMENTART.	41572		IK	5- 597	MASER, LASER	28060
		4-2455	FK-SPEKTREN	73330			12-1108	STARKE WW.	41764		LA	1-2519	OPT.EIG.FK	73610
		5-2460	HALBLEITER	71520	SHTAINBERG	GS	9-2904	PLANETEN	93640			2-1808	KRIST.FEHL.	66076
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		12-2635	LEITFHGK.FK	70028	SHTERBAKOV	AI	11- 607	KERN-MESSG.	40552			3-2007	DIELEKTRIKA	68020
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		11- 828	STARKE WW.	41735	SHTIVELMAN	KY	2-2390	HALBLEITER	71566			10- 55	TABUNGEN	10563
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		9-2231	SUPRALEITG.	70530	SHTOLTS	EV	1-2137	MAGN.EIG.FK	69045	SHVANGIRADZE	R.R.			
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		9-2560	OPT.EIG.FK	73610	SHTRAKHMAN	KM	7-2070	GITTERDYN.	67070		K	6- 103	QUANTENTHO	16520
		12-2654	LEITFHGK.FK	70053			12-2187	KRISTALLE	65578	SHVATS	ML	7-2566	OPT.EIG.FK	73650
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RAK	SZ	6-2601	OPT.EIG.FK	73640			2-2160	MAGN.EIG.FK	69065	SHVARTSMAN	LA	9-2026	THERMEIG.FK	67550
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		7-1611	PLASMA	57256			4-1875	FK-SPEKTREN	73310	SHVARZ	KK	8-1998	KRIST.FEHL.	66065
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		8-2439	PHOTOLEITG.	72510			4-2184	MAGN.EIG.FK	69060	SHVEIKIN	GP	1-2452	FK-SPEKTREN	73315
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SILO VP 8-2428 HALBLEITER 71595
SILSBEE RH 9-1854 KRIST.FEHL. 66025
SILTANEN JN 8-1268 K-REAKTOREN 43530
SILVA E 6- 711 ELEMENTART. 41563
PRP 10-2353 LEITFHKG.FK 70022
R 7-1244 KERNREAKTIO 43092
RJ 7-1141 KERNSPEKTR. 42575
11-1185 KERNREAKTIO 43012
SILVA DA CM 10-1100 KERNSPEKTR. 42545
MF 10-1100 KERNREAKTIO 42545
SILVER AH 1-2280 SUPRALEITG. 70550
2-2296 SUPRALEITG. 70560
5-2399 SUPRALEITG. 70520
10-2440 SUPRALEITG. 70520
DM 4-2227 LEITFHKG.FK 70024
M 3-2457 PHOTOLEITG. 72510
5-1816 FLUESSIGK. 58568
S 7-2755 LUFTHUELLE 90860
SILVERA IF 8-2319 SUPRALEITG. 70550
12-2709 SUPRALEITG. 70530
9-1824 KRISTALLE 65588
3-2798 LUFTHUELLE 90860
IS 12- 962 ELEMENTART. 41574
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BD 3-1938 GITTERDYN. 67060
8-2120 DIELEKTRIKA 68020
12-2409 GITTERDYN. 67060
D 8-2723 ERDKOERPER 90240
JN 6- 108 QUANTENTHEO 16530
12- 206 QUANTENTHEO 16530
MB 10- 434 WAERME 24060
SILVERSTEIN SD 1-2399 HALBLEITER 71570
5-2230 MAGN.EIG.FK 69025

SILVERSTEIN SD 5-2231 MAGN.EIG.FK 69025
10-2640 FK-SPEKTREN 73325
11-2459 MAGN.EIG.FK 69025
11-2590 LEITFHKG.FK 70010
SILVERSTONE HJ 2-1239 MOLEKUELE 52535
4-1433 MOLEKUELE 52535
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5- 122 MATH.PHYSIK 16015
5-1382 MOLEKUELE 52535
6-1273 MOLEKUELE 52535
10- 197 QUANTENTHEO 16535
SILVERT W 7-2259 SUPRALEITG. 70555
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10- 919 STARKE WW. 41717
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SILVESTROVA IM 12-2279 KRIST.FEHL. 66079
TV 1- 321 ELASTIZIT. 22535
2-1842 MECH.EIG.FK 66515
12-3040 FK-SPEKTREN 73335
SILVIDI AA 7-1378 MOLEKUELE 52535
SIM V 6- 790 STARKE WW. 41717
7- 941 STARKE WW. 41717
SIMAK V 10-2090 MECH.EIG.FK 66535
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8-1855 KRISTALLE 65535
10-1923 KRISTALLE 65535
SIMANTIRIS H 8- 568 MASER,LASER 28035
SIMANTON J 8- 953 STARKE WW. 41717
SIMARD PA 5-1003 KERNSTRUKT. 42010
SIMBEL MH 10-1180 KERNREAKTIO 43010
SIMBIRSKII DF 7- 382 WAERME 24035
SIMEONOV SS 6-1872 KRIST.FEHL. 66015
SIMHONY M 8-2649 DUENNE SCHI 74010
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SIMIEVIC A 5- 526 HF-TECHNIK 27515
SIMIN AI 8- 100 MESSEN 12215
10- 80 MESSEN 12215
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SIMKIN GS 11- 46 MESSEN 12215
11- 426 HF-TECHNIK 27515
SIMMETT GJ 7-2723 KOSM.STRLG. 90615
SIMMONS CM 6-1726 FLUESSIGK. 58535
FS 2-1244 MOLEKUELE 52535
G 6-2749 ERDKOERPER 90215
6-2750 ERDKOERPER 90215
12-3413 PLANETEN 93645
JA 5-1790 FLUESSIGK. 58535
JD 3-1240 MOLEKUELE 52535
JE 2- 897 KERNSTRUKT. 42010
JG 4-2574 DUENNE SCHI 74010
7-2586 DUENNE SCHI 74010
9-2325 HALBLEITER 71515
RO 5-1916 KRISTALLE 65535
9-1911 MECH.EIG.FK 66515
VP 11-3225 ERDKOERPER 90215
WA 3- 716 ELEMENTART. 41515
7- 842 ELEMENTART. 41515
SIMODA M 11-3406 STERNE 94015
SIMOI C 3- 704 KERN-MESSG. 40535
SIMON D 9- 775 ELEMENTART. 41515
FJ 8-1827 DISP.SYST. 59535
FM 5-2763 GRENZFL.FK 74535
G 6- 32 BUECHER 11015
9-1904 MECH.EIG.FK 66515
10-2083 MECH.EIG.FK 66515
HD 6- 260 HYDRODYNAM. 23015
8- 736 PHYS.OPTIK 29015
J 2- 575 PHYS.OPTIK 29015
4- 714 PHYS.OPTIK 29015
9- 605 PHYS.OPTIK 29015
9-3028 SEHEN 96615
10- 683 PHYS.OPTIK 29015
11-2507 MAGN.EIG.FK 69025
JM 2- 384 ELEKTRIZIT. 26015
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M 6-2964 KOSM.PHYSIK 94515
7-2936 KOSM.PHYSIK 94515
YC 3- 948 KERNSPEKTR. 42515
1-2281 SUPRALEITG. 70515
Z 6-1277 MOLEKUELE 52515
SIMONEN IC 7-1572 PLASMA 57015
7-1573 PLASMA 57015
SIMONENKO VA 1- 383 HYDRODYNAM. 23015
SIMONET W 6-2245 MAGN.EIG.FK 69015
SIMONI A 2- 85 QUANTENTHEO 16515
5- 137 QUANTENTHEO 16515
SIMONISHVILI T.V. 9-1749 KRISTALLE 65515
1- 171 QUANTENTHEO 16515
SIMONIUS M 2- 924 KERNSTRUKT. 42015
1-1158 KERNSPEKTR. 42515
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GN 11-1191 KERNREAKTIO 43015
11-1979 KRISTALLE 65515
12-2103 KRISTALLE 65515
BV 9-1749 KRISTALLE 65515
MA 6-1855 KRISTALLE 65515
8-1907 KRISTALLE 65515
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YA 3- 881 KERNSTRUKT. 42015
3- 882 KERNSTRUKT. 42015
5- 977 STARKE WW. 41715
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SIMONOVA MI 2-2151 MAGN.EIG.FK 69015
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JP 3-1247 MOLEKUELE 52515
JW 10-2811 GRENZFL.FK 74515
PY 2-1848 MECH.EIG.FK 66515
S 4- 391 HYDRODYNAM. 23015
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S	4-2031	GITTERDYN.	67060	SINGH	PP	11-1329	KERNREAKTIO	43080	SIPPACH	W	9- 640	KERN-MESSG.	40505
	4-2032	GITTERDYN.	67060		R	2- 797	STARKE WW.	41730	SIPPEL	D	7-1878	KRIST.FEHL.	66025
	8-2080	GITTERDYN.	67060			3- 803	STARKE WW.	41730			10-1373	KERNSTRHLG.	44010
	10-2138	GITTERDYN.	67020		RA	7-1792	KRISTALLE	65510	SIPS	V	3-1332	PLASMA	57015
DOULOS A	8-2447	FK-SPEKTREN	73310		RB	3- 269	FELDTHEORIE	18042		Y	10-2387	LEITFHGK.FK	70056
DOULOU E	5- 902	STARKE WW.	41740			5-1437	MOLEKUELE	52524			5-2357	LEITFHGK.FK	70050
	8- 981	STARKE WW.	41740			9-1174	ATOME	52022	SIPYAGIN	VV	11-1967	KRISTALLE	65510
HA	1-1481	MOLEKUELE	52540			9-1175	ATOME	52022	SIRATORI	K	5-2598	FK-SPEKTREN	73330
	9-2462	FK-SPEKTREN	73340			12-1498	ATOME	52022			7-2051	GITTERDYN.	67040
	12- 648	MASER,LASER	28060			12-2859	FK-SPEKTREN	73315			9-2504	FK-SPEKTREN	73360
LINS	11- 363	ELEKTRIZIT.	26016		RN	3- 554	OPT.INSTRUM	28523	SIRDESHMUKH	DB	4-1973	MECH.EIG.FK	66514
	2-2288	SUPRALEITG.	70550		RP	4-1938	KRIST.FEHL.	66035			7-2091	THERMEIG.FK	67530
ON	9-1974	GITTERDYN.	67060			6-1689	FLUESSIGK.	58543			9-1920	MECH.EIG.FK	66514
	7- 340	HYDRODYNAM.	23060			9-1999	THERMEIG.FK	67510	SIRE	S	10- 981	STARKE WW.	41764
	10- 622	OPT.INSTRUM	28513			12-1999	FLUESSIGK.	58543	SIREDEY	C	10-2936	IONOSPHERE	91072
FB	8-1208	KERNREAKTIO	43048			12-2404	GITTERDYN.	67060	SIRENKO	AF	6-1840	KRISTALLE	65572
GA	12-1972	FLUESSIGK.	58530			12-2927	FK-SPEKTREN	73330		GA	7-2014	MECH.EIG.FK	66545
HM	6-1987	KRIST.FEHL.	66065		RS	4-2471	FK-SPEKTREN	73380	SIRKAR	SC	10-2610	FK-SPEKTREN	73340
J	7- 979	STARKE WW.	41764		S	4-2482	OPT.EIG.FK	73610	SIRLIN	A	4- 865	ELEMENTART.	41540
JA	5-2949	KOSM.PHYSIK	94530			5-2616	FK-SPEKTREN	73380			8- 862	ELEMENTART.	41546
	7- 778	KERN-MESSG.	40532			5-2619	FK-SPEKTREN	73380	SIRONI	G	7-2922	KOSM.PHYSIK	94530
	7-1348	ATOME	52070			9-2596	OPT.EIG.FK	73640			8-2977	KOSM.PHYSIK	94530
	9-1383	ATOME	52070			12-3086	FK-SPEKTREN	73370			10-3089	KOSM.PHYSIK	94530
	9-2864	SONNENPHYS.	93340			12-3311	KOSM.STRLG.	90646			12-3306	KOSM.STRLG.	90630
	10-1459	ATOME	52070		SP	5-1445	MOLEKUELE	52524	SIROTA	NN	1-2146	MAGN.EIG.FK	69060
	10-2947	MAGNETOSPH.	91280			5-2080	GITTERDYN.	67040			7-2290	SUPRALEITG.	70550
	11-3433	KOSM.PHYSIK	94530			7-1800	KRISTALLE	65530			10-2127	MECH.EIG.FK	66556
JD	12-1126	STARKE WW.	41775		V	1- 896	STARKE WW.	41753			10-2147	GITTERDYN.	67040
JE	3-1442	PLASMA	57235			3- 752	ELEMENTART.	41560			10-2693	OPT.EIG.FK	73605
JH	9- 71	LABORTECHN.	12540			9- 767	ELEMENTART.	41572	SIROTIN	YI	3-2016	DIELEKTRIKA	68030
JJ	11-1022	KERNREAKT.	42525		VB	6-2610	OPT.EIG.FK	73645	SIROTYUK	MG	9- 343	HYDRODYNAM.	23070
KO	2-1259	MOLEKUELE	52516			7-2556	OPT.EIG.FK	73645	SIROVICH	L	5- 229	STATISTIK	17523
OD	4-1228	KERNREAKTIO	43048			10-2730	OPT.EIG.FK	73645			5-1553	PLASMA	57040
	4-1229	KERNREAKTIO	43048		Y	3-1492	GASE	58020			7-1649	GASE	58010
RJ	4- 477	WAERME	24070			4- 878	ELEMENTART.	41546			11-1865	GASE	58060
WD	2- 653	KERN-MESSG.	40542			4-1440	MOLEKUELE	52575	SIROVOY	YA	6-1435	PLASMA	57040
	4- 817	KERN-MESSG.	40548			5-1887	KRISTALLE	65545	SIRUGUE	M	6- 158	QU.FELDTHEO	17010
	4-1023	STARKE WW.	41783			6-1615	GASE	58040	SIRVAITIS	A	12-2840	PHOTOLEITG.	72510
	4-1036	KERNSTRUKT.	42010		YP	7-1661	GASE	58025	SISAKYAN	IN	11- 848	STARKE WW.	41740
	4-1236	KERNREAKTIO	43052			11-1716	PLASMA	57053	SISCOE	GL	5-2872	MAGNETOSPH.	91270
	5-1148	KERNREAKTIO	43050	SINGLETON	JH	4- 157	VAKUUM	13016			7-2823	MAGNETOSPH.	91280
	5-1149	KERNREAKTIO	43050			6-2705	GRENZFL.FK	74535			11-3352	MAGNETOSPH.	91280
	5-1157	KERNREAKTIO	43054	SINGRU	RM	11-1096	KERNSPKTR.	42555	SISTERSON	K	6- 818	STARKE WW.	41764
	6- 549	KERN-MESSG.	40510	SINGUREL	L	11-1548	MOLEKUELE	52538			8- 968	STARKE WW.	41730
	7-1192	KERNREAKTIO	43054	SINGWI	KS	9-1631	FLUESSIGK.	58520	SISTERSTON	LK	11- 902	STARKE WW.	41775
	11- 605	KERN-MESSG.	40542			9-2164	LEITFHGK.FK	70010	SITARAMASWAMY	P.	6-1690	FLUESSIGK.	58543
	11-1257	KERNREAKTIO	43052			10-1807	FLUESSIGK.	58520			2-1062	KERNREAKTIO	43060
WT	5-1448	MOLEKUELE	52528	SINHA	AK	6-2279	MAGN.EIG.FK	69065	SITENKO	AG	11- 963	KERNSTRUKT.	42020
EP	4-1314	KERNSTRHLG.	44010			8-2733	GEOMAGNET.	90460			12-1148	KERNSTRUKT.	42010
Z	9-1853	KRIST.FEHL.	66025		APB	3-1661	FK-SPEKTREN	73310	SITKO	SP	4- 835	KERN-MESSG.	40584
	12-2183	KRISTALLE	65576			5-2011	KRIST.FEHL.	66076	SITNIK	GF	8-2852	SONNENPHYS.	93320
FAI LAM LT	12-1563	ATOME	52065			5-2473	HALBLEITER	71530			9-2843	SONNENPHYS.	93314
JG	11- 179	STATISTIK	17520			5-2474	HALBLEITER	71530		IM	7- 917	STARKE WW.	41725
JJ	3-1211	MOLEKUELE	52512			7-2660	GRENZFL.FK	74535		TK	3-2007	DIELEKTRIKA	68020
YG	9- 402	GASE	58010		DK	5-2298	MAGN.EIG.FK	69070	SITNIKOV	VM	6- 411	MASER,LASER	28045
O	8- 995	STARKE WW.	41753			6-2161	DIELEKTRIKA	68050	SITNIKOVA	AA	9-1826	KRISTALLE	65588
D	4- 937	STARKE WW.	41725			12-2504	DIELEKTRIKA	68050	SITNOV	VI	8-1229	KERNREAKTIO	43064
LAIR	3- 627	PHYS.OPTIK	29040			5-2154	DIELEKTRIKA	68050	SITTI	G	3-2481	FK-SPEKTREN	73320
G	3- 628	PHYS.OPTIK	29040		DP	4- 569	HF-TECHNIK	27530	SITZ	P	4-1346	ATOME	52010
JE	12- 134	LABORTECHN.	12570		JK	1-2238	GITTERDYN.	67020	SIUKAEV	NV	2-2327	HALBLEITER	71530
	1-1592	PLASMA	57050		KP	4-2142	MAGN.EIG.FK	69015			6-1900	KRIST.FEHL.	66025
M	1-1690	PLASMA	57263			4-2156	MAGN.EIG.FK	69030	SIYAKOVA	EV	3-2626	DUENNE SCHI	74030
RM	2-1463	PLASMA	57266			4-2158	MAGN.EIG.FK	69030	SIVARAM	BM	3- 523	MASER,LASER	28055
T	11-1480	ATOME	52085			4-2259	LEITFHGK.FK	70072	SIVARAMAN	KR	9-2886	PLANETEN	93620
LLNIKOV KD	1-1654	PLASMA	57075			5-2293	MAGN.EIG.FK	69065	SIVARDIERE	J	2-1696	MAGN.EIG.FK	69010
	8- 534	TEILCH.OPT.	27058			5-2464	HALBLEITER	71530			10- 163	QUANTENTHEO	16516
CH	3- 921	KERNSPKTR.	42540			11-2356	MAGN.EIG.FK	69025	SIVJEE	GG	5-2811	KOSM.STRLG.	90610
HC	6-1093	KERNREAKTIO	43075			12-2706	SUPRALEITG.	70530	SIVKOY	NI	11-3142	DUENNE SCHI	74050
CM	11-3475	BIOPHYSIK	96040			12-3012	FK-SPEKTREN	73360		YP	2- 412	TEILCH.OPT.	27013
IM	5- 193	QU.FELDTHEO	17010		MK	11-2134	KRIST.FEHL.	66065	SIWEK	K	9- 902	KERNSTRUKT.	42060
J	3-2604	DUENNE SCHI	74010			12-2325	KRIST.FEHL.	66079			10-1232	KERNREAKTIO	43046
JR	1-1757	FLUESSIGK.	58540		MS	10-2875	KOSM.STRLG.	90640	SIWOV	AN	4- 575	HF-TECHNIK	27530
	5-1768	FLUESSIGK.	58540		SK	6-2103	GITTERDYN.	67060	SIX	J	2- 789	STARKE WW.	41725
K	8-1783	FLUESSIGK.	58555	SINICKI	G	7- 405	WAERME	24060			10- 904	STARKE WW.	41725
	9-1618	GASE	58040			8- 459	WAERME	24040	SIXOU	P	1-1787	FLUESSIGK.	58562
LR	3-1828	KRIST.FEHL.	66065			9- 374	WAERME	24040			4-2499	OPT.EIG.FK	73605
P	4-1001	STARKE WW.	41764	SINII	IG	1-2496	FK-SPEKTREN	73330			9-2453	FK-SPEKTREN	73335
	7- 871	ELEMENTART.	41566			12-3112	OPT.EIG.FK	73610			10-1872	FLUESSIGK.	58562
S	11- 713	ELEMENTART.	41546			6-2413	HALBLEITER	71510	SIZELOVE	JR	10-2210	DIELEKTRIKA	68020
	12-1757	FLUESSIGK.	57235	SINITSA	SP	9-2183	LEITFHGK.FK	70045			12-2041	FLUESSIGK.	58562
	12-3363	IONOSPHERE	91050			9-2360	PHOTOLEITG.	72510			12-2462	DIELEKTRIKA	68010
SF	7-2881	PLANETEN	93650	SINITTSIN	BI	5-1223	KERNSTRHLG.	44010			5- 510	TEILCH.OPT.	27068
	10-2987	PLANETEN	93610	SINITTSINA	VG	11-3271	KOSM.STRLG.	90646			9- 462	TEILCH.OPT.	27068
	12-3316	LUFTHUELLE	90815	SINITTSYN	EN	8-1787	FLUESSIGK.	58555	SIZONENKO	VL	10- 648	OPT.INSTRUM	28550
AD	3-2283	SUPRALEITG.	70530			10-1857	FLUESSIGK.	58555			3-2558	FK-SPEKTREN	73395
AH	6- 171	QU.FELDTHEO	17030		VV	9-1332	MOLEKUELE	52547			4-1648	PLASMA	57055
AK	1-1838	KRISTALLE	65572			10-1785	GASE	58025	SIZOV	RA	6-2219	MAGN.EIG.FK	69010
	7-1832	KRISTALLE	65572	SINKA	GC	11-1830	GASENTLADG.	57850			7-2136	MAGN.EIG.FK	69010
	10-1977	KRISTALLE	65576	SINKE	DH	7- 421	THERMODYN.	24554		VA	6-2219	MAGN.EIG.FK	69010
CP	10- 987	STARKE WW.	41767	SINNOTT	G	10- 539	HF-TECHNIK	27540			7-2136	MAGN.EIG.FK	69010
	12-1020	STARKE WW.	41725			7-1464	MOLEKUELE	52070	SIZOVA	LD	11-1979	KRISTALLE	65518
DV	9-1656	FLUESSIGK.	58530			5-1305	ATOME	52580	SJOBLOM	RK	8-1176	KERNSPKTR.	42575
OB	2-2038	FK-SPEKTREN	73355			6-1339	MOLEKUELE	52580	SJOBLOM	CA	8-1768	FLUESSIGK.	58565
	2-2054	FK-SPEKTREN	73355	SINOVIEV	GM	6- 848	STARKE WW.	41780			8-1769	FLUESSIGK.	58546
	4-2114	FK-SPEKTREN	73355	SINSKY	JA	12- 369	FELDTHEORIE	18095			11-1918	FLUESSIGK.	58546
	5-2205	FK-SPEKTREN	73355	SINTSOV	VN	6- 496	OPT.INSTRUM	28560			11-1920	FLUESSIGK.	58546
HP	7-2089	THERMEIG.FK	67530	SINY	IG	7-2161	MAGN.EIG.FK	69045	SJOELANDER	A	2-1886	GITTERDYN.	67020
K	1- 630	OPT.INSTRUM	28545			12-3111	OPT.EIG.FK	73610			9-1631	FLUESSIGK.	58520
	3- 549	OPT.INSTRUM	28520	SINYAKOV	EV	2-1968	DIELEKTRIKA	68020			9-2164	LEITFHGK.FK	70010
	4- 675	OPT.INSTRUM	28545			2-1990	DIELEKTRIKA	68030			10-1807	FLUESSIGK.	58520
	8- 641	OPT.INSTRUM	2										

SKALSKI S	11-2975	FK-SPEKTREN	73370	SKROTSKIJ GV	12-1516	ATOME	52035	SLOBODRIAN RJ	10-1298	KERNREAKTIO	430
	12-2135	KRISTALLE	65545		12-1517	ATOME	52035		11-1252	KERNREAKTIO	430
SKALYO JR. J	8-2202	MAGN.EIG.FK	90606	SKROTZKY GV	6-1195	ATOME	52035	SLOBODSKAYA PV	4-1480	MOLEKUELE	529
SKAMMELSRUD KS	9-2614	OPT.EIG.FK	73655	SKRZYPCZAK E	10-1011	STARKE WW.	41790	SLODZIAN G	4-2649	GRENZFL.FK	745
SKAREK P	10-727	KERN-MESSG.	40500	SKUBENICH VV	7-1356	ATOME	52070	SLODZEWSKI JC	9-1764	KRISTALLE	655
SKARSGAARD HM	4-93	UNTERRICHT	12030	SKUBITSCH VV	1-480	ELEKTRODYN.	26510	SLOMIM IY	2-1313	FK-SPEKTREN	733
	5-1618	PLASMA	57203	SKUMANICH A	9-2927	STERNE	94025	SL00P DJ	7-1439	MOLEKUELE	529
	5-1619	PLASMA	57203		11-3371	Sonnenphys.	93324	SLOTTA J	11-1236	KERNREAKTIO	430
	12-1747	PLASMA	57030	SKURIDIN GA	3-2741	KOSM.STRLG.	90630	SLOUGH W	5-1459	MOLEKUELE	529
SKAVLEM LD	11-3502	STRAHL.BIOL	97010		3-2742	KOSM.STRLG.	90630	SLOVACEK RE	4-1305	K-REAKTOREN	435
SKAVLEM S	10-1202	KERNREAKTIO	43022		6-1070	KERNREAKTIO	43054	SLOVINSKII B	12-837	KERN-MESSG.	405
SKELLY DW	3-1882	MECH.EIG.FK	66545	SKURIN LI	1-1596	PLASMA	57050	SLOWEY JW	12-3323	LUFTHUELLE	908
	1-301	MECHANIK	22038		3-1367	PLASMA	57050	SLUIJTER FW	3-1403	PLASMA	570
SKELT ER	1-2593	DUENNE SCHI	74010		11-1697	PLASMA	57045		6-1507	PLASMA	570
SKEPSTEDT O	4-813	KERN-MESSG.	40540	SKVOR Z	8-417	AUSTIK	23520	SLUPSKY AM	6-644	BESCHLEUNIG	410
SKERBELE A	3-1264	MOLEKUELE	52580	SKVORTSOV YM	6-644	BESCHLEUNIG	41040	SLUSAREV VA	12-2687	LEITFHGK.FK	700
	3-1265	MOLEKUELE	52580	SKVORTSOVA NE	11-2698	HALBLEITER	71530	SLUSHER RE	5-1725	GASE	580
	4-1534	MOLEKUELE	52580	SKYRME DJ	7-1945	KRIST.FEHL.	66062		10-2603	FK-SPEKTREN	733
SKERSTENA AJ	11-1695	PLASMA	57045	SLABOSPITSKY R.P.	5-1036	KERNESPEKTR.	42525	SLUTSKER AI	9-1409	POLYMERE	535
SKERTIC MM	6-1659	FLUESSIGK.	58527	SLABOVIK RL	11-1774	PLASMA	57093		10-1617	POLYMERE	535
SKETTRUP T	9-2607	OPT.EIG.FK	73645	SLACK GA	5-2646	OPT.EIG.FK	73640	SLUTSKIN AA	1-2317	HALBLEITER	715
	11-2839	FK-SPEKTREN	73320	SLACK HA	8-2726	GEOMAGNET.	90410		2-2239	LEITFHGK.FK	700
SKIEWS BW	2-288	HYDRODYNAM.	23060	SLADEK RJ	1-2308	HALBLEITER	71520		4-2258	LEITFHGK.FK	700
SKIBOWSKI M	7-2671	GRENZFL.FK	74570		1-2309	HALBLEITER	71520		5-2379	LEITFHGK.FK	700
	10-2792	DUENNE SCHI	74060		1-2356	HALBLEITER	71530	SLYSH VI	1-2795	Sonnenphys.	933
	10-2793	DUENNE SCHI	74060		12-2764	HALBLEITER	71530	SLYUSAR VP	8-1763	FLUESSIGK.	585
SKIDMORE IC	11-3143	DUENNE SCHI	74060	SLAGGIE V	5-2045	MECH.EIG.FK	66545	SLYUSAREV VA	2-2264	SUPRALEITG.	705
	1-457	THERMODYN.	24596		6-1141	KERNSTRHLG.	44010		2-2265	SUPRALEITG.	705
SKIERCZYNSKA J	12-27	BIOGRAPHIEN	10218	SLAGOWITZ M	3-1062	KERNREAKTIO	43056	SMADJA G	6-775	STARKE WW.	417
SKILBREID O	1-1131	KERNESPEKTR.	42565	SLAGSVOLD BJ	3-2211	LEITFHGK.FK	70028		11-842	STARKE WW.	417
	1-1133	KERNESPEKTR.	42565	SLAMA L	5-1654	PLASMA	57256	SMAGIN AG	7-2069	GITTERDYN.	670
	6-996	KERNESPEKTR.	42565		6-1552	PLASMA	57256	SMAIL T	12-1685	MOLEKUELE	529
	11-1119	KERNESPEKTR.	42560	SLANGER TG	11-1586	MOLEKUELE	52575	SMALES AA	3-1821	KERN-MESSG.	405
SKILBRIGHT O	5-1093	KERNESPEKTR.	42565	SLANSKY RC	6-797	STARKE WW.	41753	SMALL H	9-1729	DISP.SYST.	595
SKILLICORN IO	1-963	STARKE WW.	41770		2-524	OPT.INSTRUM	28540	SMALL RL	9-82	VAKUUM	130
	5-968	STARKE WW.	41764	SLATER JC	8-9	BIOGRAPHIEN	10220	SMALL JR. AM	3-2929	HOEREN	963
	5-979	STARKE WW.	41770		8-1308	ATOME	52020	SMALLER B	3-1221	MOLEKUELE	529
	10-994	STARKE WW.	41775		8-2236	LEITFHGK.FK	70022	P	11-3145	DUENNE SCHI	740
SKILLING J	11-893	STARKE WW.	41767		10-2249	MAGN.EIG.FK	69020	SMALLMAN CR	1-2748	LUFTHUELLE	908
	11-1726	PLASMA	57055		11-27	BUCHER	11010	RE	2-1776	KRIST.FEHL.	660
	11-3413	STERNE	94060		11-2535	LEITFHGK.FK	70022		3-1799	KRIST.FEHL.	660
SKILLMAN TL	5-2863	MAGNETOSPH.	91223	JE	5-89	LABORTECHN.	12540		12-2274	KRIST.FEHL.	660
SKINNER JG	6-2553	FK-SPEKTREN	73340	PN	6-2856	ASTROPHYSIK	93020	SMARANDA D	6-2993	KOSM.PHYSIK	945
	7-1776	FLUESSIGK.	58573	RR	7-1745	FLUESSIGK.	58557		8-3014	KOSM.PHYSIK	945
	11-434	MASER,LASER	28035	WE	3-809	STARKE WW.	41730		10-3119	KOSM.PHYSIK	945
	1-384	HYDRODYNAM.	23070	JC	6-1218	ATOME	52065	SMART DF	1-2715	KOSM.STRLG.	906
LA LM	10-452	THERMODYN.	24533	P	4-939	STARKE WW.	41725	JE	12-2151	KRISTALLE	655
SKIPPING R	3-1341	PLASMA	57070	PF	10-915	STARKE WW.	41730	WM	12-1030	STARKE WW.	417
SKIRROW JD	9-2802	IONOSPHERE	91050	WJ	5-2703	DUENNE SCHI	74010	SMEJTEK P	5-1816	FLUESSIGK.	585
SKJEGESTAD O	6-687	ELEMENTART.	41546	I	2-903	KERNSTRUKT.	42010	SMEKALOVA KP	2-2329	HALBLEITER	715
	12-1121	STARKE WW.	41770		3-1026	KERNREAKTIO	43042		11-2879	FK-SPEKTREN	733
SKLAREW RC	3-1125	ATOME	52010		3-1052	KERNREAKTIO	43054	SMEKHOV GD	1-1491	MOLEKUELE	529
SKLAVENITIS L	3-1059	KERNREAKTIO	43054		11-1251	KERNREAKTIO	43052		8-1677	PLASMA	570
	5-3003	STRAHL.BIOL	97010		11-1254	KERNREAKTIO	43052	SMELYANSKAYA E.N.	4-2074	FLUESSIGK.	585
SKLIZKOV GV	5-1676	GASENTLADG.	57870	SLAVATINSKII S.A.	6-853	STARKE WW.	41783		5-1169	KERNREAKTIO	430
	6-1527	PLASMA	57206		6-858	STARKE WW.	41783	SMEND F	11-1082	KERNESPEKTR.	425
	7-343	HYDRODYNAM.	23060		6-2777	KOSM.STRLG.	90630	SMETANA Z	11-2926	FK-SPEKTREN	733
	9-2862	Sonnenphys.	93328		6-2792	KOSM.STRLG.	90646		12-3022	FK-SPEKTREN	733
	12-1874	PLASMA	57256	SLAYKINA RI	11-3247	KOSM.STRLG.	90610	SMETANIN AA	11-1354	K-REAKTOREN	435
SKLOVSKAYA IL	1-2037	DIELEKTRIKA	68050		10-1895	FLUESSIGK.	58576	GI.	3-2565	OPT.EIG.FK	736
SKLYAROV OK	11-529	OPT.INSTRUM	28595	SLAYNOV AG	4-2583	DUENNE SCHI	74040	SMETS AJ	10-1705	PLASMA	570
SKOBOV VB	2-1915	GITTERDYN.	67060	DA	7-220	QU.FELDTHEO	17060	HB	1-1279	K-REAKTOREN	435
	3-2235	LEITFHGK.FK	70056	TD	10-1886	FLUESSIGK.	58570	SMEYERS P	6-2935	STERNE	940
	4-2257	LEITFHGK.FK	70065	SLAVNYI VA	6-462	OPT.INSTRUM	28530	SHIDT J	12-1860	PLASMA	572
SKOELD K	11-2680	HALBLEITER	71520	SLAYV B	1-222	QU.FELDTHEO	17040	SHIGIELSKI P	12-705	OPT.INSTRUM	285
	4-1755	FLUESSIGK.	58520	SLAWNY J	4-198	QUANTENTHEO	16516	Z	4-993	STARKE WW.	417
	8-1279	KERNSTRHLG.	44010	SLAWSKY ZI	6-1589	GASE	58010	SHILANSKY U	3-1012	KERNREAKTIO	430
	9-1852	KRIST.FEHL.	66025	SLAWSKY AW	8-3031	HOEREN	96320		10-1196	KERNESPEKTR.	425
SKOFRONICK JG	12-1942	FLUESSIGK.	58510	SLEDZIEWSKI Z	10-123	VAKUUM	13025	SMILEY VN	11-1022	KERNESPEKTR.	425
	5-1336	ATOME	52085	SLEDZINSKA I	10-1232	KERNREAKTIO	43046	A	12-596	MASER,LASER	280
SKOGERBOE RK	12-1577	ATOME	52090	SLEE FW	1-1259	KERNREAKTIO	43080		9-2264	HALBLEITER	715
SKOGTVEDT J	9-2739	GEOMAGNET.	90470	OB	6-2882	PLANETEN	93614	VP	10-2773	DUENNE SCHI	740
SKOKOV IV	7-639	OPT.INSTRUM	28545	BD	4-723	PHYS.OPTIK	29030		12-2839	PHOTOLEITG.	725
SKOLNICK ML	1-574	MASER,LASER	28095		8-167	MATH.PHYSIK	16040		8-2676	GRENZFL.FK	745
SKOLOZDRA RV	10-2003	KRISTALLE	65588	SLEIGHT AW	4-1847	KRISTALLE	65518	W	10-1380	KERNSTRHLG.	440
SKOMOROVSKY YA	10-617	MASER,LASER	28060	SLPIETS LA	7-917	STARKE WW.	41725	SMIRENKIN GN	11-3273	LUFTHUELLE	908
SKORCHEV B	10-737	KERN-MESSG.	40530	SLEPIAN D	2-573	PHYS.OPTIK	29010		7-1239	KERNREAKTIO	430
SKORNYAKOV GP	11-2557	LEITFHGK.FK	70035	SLEPKOV IA	1-2517	OPT.EIG.FK	73610		7-1246	KERNREAKTIO	430
SKOROBOGATOV B.S.	1-2573	OPT.EIG.FK	73645	SLEPTSOV LE	5-2655	OPT.EIG.FK	73640		7-1249	KERNREAKTIO	430
	2-2543	OPT.EIG.FK	73635		6-1765	FLUESSIGK.	58576		8-1245	KERNREAKTIO	430
	3-2507	FK-SPEKTREN	73325	SLETTEN G	3-996	KERNESPEKTR.	42575		8-1247	KERNREAKTIO	430
	9-2419	FK-SPEKTREN	73325	SLEVIN PJ	7-2729	KOSM.STRLG.	90660		10-1318	KERNREAKTIO	430
GA VS	5-1303	ATOME	52070	SLEZOV VV	3-1810	KRIST.FEHL.	66035	SMIRNAYA NM	10-1333	KERNREAKTIO	430
SKOROBOGATOVA I.V.	9-2580	OPT.EIG.FK	73635		5-1982	KRIST.FEHL.	66035	SMIRNITSKAYA G.V.	4-1322	KERNSTRHLG.	440
	8-2489	FK-SPEKTREN	73330		5-1983	KRIST.FEHL.	66035		12-1899	GASENTLADG.	578
SKOROKHOD MY	7-1830	KRISTALLE	65572	SLICHTER CP	12-2983	FK-SPEKTREN	73355	GW	1-1705	GASENTLADG.	578
	7-1928	KRIST.FEHL.	66035	SLIFKIN MA	5-1483	FLUESSIGK.	58576	SMIRNITSKY VA	4-1016	STARKE WW.	417
SKORYUPIN VA	4-1686	PLASMA	57093	SLIV LA	4-1062	KERNSTRUKT.	42070	AI	5-2580	FK-SPEKTREN	733
	6-1513	PLASMA	57075	PO	1-1975	GITTERDYN.	67060		7-1820	KRISTALLE	655
SKOVE MJ	9-1931	MECH.EIG.FK	66540		12-2787	HALBLEITER	71540		8-773	KERN-MESSG.	405
SKOWRONEK M	2-1449	PLASMA	57253	SLIVINSKY VV	3-1053	KERNREAKTIO	43054		8-1868	KRISTALLE	655
	2-1450	PLASMA	57253	SLIVKOV IN	12-1892	GASENTLADG.	57815		12-823	KERN-MESSG.	405
SKREBLYUKOV AE	11-3052	OPT.EIG.FK	73670	SLOAN IH	1-192	QUANTENTHEO	16588		12-2999	FK-SPEKTREN	733
SKREBNEV VA	7-2462	FK-SPEKTREN	73350		6-126	QUANTENTHEO	16560	BA	11-484	MASER,LASER	280
SKREBNEVA MI	7-2302	METAL.LEITG	71010		9-170	QUANTENTHEO	16588	BI	3-1807	KRIST.FEHL.	660
	9-2128	MAGN.EIG.FK	69045		11-1460	ATOME	52070		7-1905	KRIST.FEHL.	660
	11-2496	MAGN.EIG.FK	69060	ML	7-1540	PLASMA	57055		7-2013	MECH.EIG.FK	665
SKREBOV VN	3-1176	PLASMA	57010	RK	10-2990	PLANETEN	93613	BM	3-1164	ATOME	520
SKRINSKY AN	3-849	STARKE WW.	41764	SLOBODCHIKOV S.L.	2-2359	HALBLEITER	71540		4-641	MASER,LASER	280
	12-954	ELEMENTART.	41563		5-2653	OPT.EIG.FK	73645		5-1311	ATOME	520
SKRIPAK VN	12-2399	GITTERDYN.	67040	SV	8-2434	PHOTOLEITG.	72510		5-1329	ATOME	520
	12-2431	THERMEIG.FK	67520		9-2287	HALBLEITER	71530		7-424	THERMODYN.	245
SKRIPIN GV	2-2743	KOSM.STRLG.	90636	SLOBODNIK JR. A.J.	8-542	HF-TECHNIK	27523	EA	9-2030	THERMEIG.FK	675
	4-2702	KOSM.STRLG.	90630		1-1217	KERNSTRUKT.	42010		10-1666	PLASMA	570
SKRIPOV VP	3-371	THERMODYN.	24520		1-1252	KERNREAKTIO	43075	EV	6-532	PHYS.OPTIK	290
	8-1787	FLUESSIGK.	58555	SLOBODRIAN RJ	1-1258	KERNREAKTIO	43075		10-2183	THERMEIG.FK	675
	9-614										

SMIRNOV - SNEDIKER

IA	6-2118	THERMEIG.FK	67520	SMITH	E	7-1919	KRIST.FEHL.	66035	SMITH	SJ	12- 115	LABORTECHN.	12530
	6-2311	LEITFHGK.FK	70028		EJ	3-2838	MAGNETOSPH.	91223		SM	3- 936	KERNSEKTR.	42545
	9-2015	THERMEIG.FK	67520			4-2802	MAGNETOSPH.	91280			11-1265	KERNREAKTIO	43054
	11-3005	OPT.EIG.FK	73605			5-2872	MAGNETOSPH.	91270			12-1361	KERNREAKTIO	43058
LA	12-2430	THERMEIG.FK	67520			7-2823	MAGNETOSPH.	91280		SRP	9-2477	FK-SPEKTREN	73355
LS	12-2294	KRIST.FEHL.	66060		EW	9-1204	ATOME	52045		T	4-2497	OPT.EIG.FK	73605
	3-1838	KRIST.FEHL.	66065		F	4-1504	MOLEKUELE	52528			10-1803	FLUESSIGK.	58510
	3-1852	KRIST.FEHL.	66076		FA	7-1887	KRIST.FEHL.	66025			10-2552	FK-SPEKTREN	73320
	8-1970	KRIST.FEHL.	66035		FC	9-1158	ATOME	52010		TF	3-2308	SUPRALEITG.	70530
	11-2146	KRIST.FEHL.	66065		FG	1-2722	KOSM.STRLG.	90646			3-2313	SUPRALEITG.	70530
	12-2348	MECH.EIG.FK	66518			3-2783	KOSM.STRLG.	90646			7-2268	SUPRALEITG.	70540
	12-3126	OPT.EIG.FK	73635			9-2987	KOSM.PHYSIK	94550			7-2279	SUPRALEITG.	70540
RV	10-2888	LUFTHUELLE	90830			9-2989	KOSM.PHYSIK	94550			9-2145	MAGN.EIG.FK	69060
VA	7- 545	MASER,LASER	28045			10-3086	KOSM.PHYSIK	94520			11-2638	SUPRALEITG.	70540
	8-2838	ASTROPHYSIK	93030			11-3447	KOSM.PHYSIK	94550			12-2359	MECH.EIG.FK	66550
VG	12- 616	MASER,LASER	28050		FJ	4-1412	ATOME	52065		TI	10- 803	BESCHLEUNIG	41030
VI	2-2360	OPT.EIG.FK	73610			6-1423	PLASMA	57030			10- 804	BESCHLEUNIG	41030
	8- 625	OPT.INSTRUM	28526			7- 163	QUANTENTHEO	16560		WB	1-2780	ASTROPHYSIK	93000
VN	4-2519	OPT.EIG.FK	73645		FT	4-1407	ATOME	52065			7-2931	KOSM.PHYSIK	94540
VS	3- 542	MASER,LASER	28055		FW	3-2336	SUPRALEITG.	70550			11-3435	KOSM.PHYSIK	94540
	10- 607	MASER,LASER	28055			5-2396	SUPRALEITG.	70520			12- 361	FELDTHEORIE	18048
YF	2- 925	KERNSTRUKT.	42070			7-1722	FLUESSIGK.	58540			12- 362	FELDTHEORIE	18048
	4-1061	KERNSTRUKT.	42070		G	2-2236	LEITFHGK.FK	70060		WE	1- 491	ELEKTRODYN.	26540
	8-1087	KERNSTRUKT.	42080			9-1203	ATOME	52045			4- 528	ELEKTRODYN.	26500
	9- 115	QUANTENTHEO	16516		GA	9- 256	MECHANIK	22020			6-1493	PLASMA	57080
	11- 994	KERNSTRUKT.	42070			12-1045	STARKE WW.	41740			7-1754	FLUESSIGK.	58562
YN	3-1407	PLASMA	57080		GC	9-2427	FK-SPEKTREN	73330		WH	2-2664	GRENZFL.FK	74535
	5-1585	PLASMA	57070		GE	1-2226	HALBLEITER	71530			3-1226	MOLEKUELE	52530
	7-2090	THERMEIG.FK	67530		GH	10-2927	IONOSPHERE	91045		WL	8-1422	MOLEKUELE	52534
	8- 162	MATH.PHYSIK	16020		GP	8-1814	FLUESSIGK.	58573			11-1523	MOLEKUELE	52560
YP	9- 450	ELEKTRODYN.	26540			8-1820	FLUESSIGK.	58576		WR	6-1616	GASE	58045
	4-2424	FK-SPEKTREN	73315			8-1821	FLUESSIGK.	58576			7-1450	MOLEKUELE	52540
	7-1299	ATOME	52022			8-1823	FLUESSIGK.	58576			11-1150	KERNSEKTR.	42570
EV	2-2472	FK-SPEKTREN	73325		GS	11-2043	KRISTALLE	65584	SMITH JR.	CV	9-1462	PLASMA	57045
IS	1-2447	FK-SPEKTREN	73315		GW	12-2593	MAGN.EIG.FK	69070		HP	1-1898	KRIST.FEHL.	66065
NA	1- 302	MECHANIK	22038		HG	8-2071	GITTERDYN.	67020			5-2556	FK-SPEKTREN	73315
	7-1971	MECH.EIG.FK	66512			12-2389	GITTERDYN.	67020			6-1844	KRISTALLE	65574
RI	2-2557	OPT.EIG.FK	73640		HJT	5-2397	SUPRALEITG.	70540			6-1970	KRIST.FEHL.	66060
RS	4- 360	ELASTIZIT.	22510		HM	11- 516	OPT.INSTRUM	28560			6-2694	GRENZFL.FK	74520
TA	2- 514	OPT.INSTRUM	28526		HP	1- 821	ELEMENTART.	41563		JE	9-2295	HALBLEITER	71540
TV	12-2760	HALBLEITER	71520		HT	6-1680	FLUESSIGK.	58540		JL	3-1559	FLUESSIGK.	58527
SA	9-1894	KRIST.FEHL.	66065		IL	2- 739	ELEMENTART.	41570		JN	1- 737	KERN-MESSG.	40542
W	9-2527	FK-SPEKTREN	73370		J	3- 727	ELEMENTART.	41540		VH	6- 203	STATISTIK	17566
WA	12-3056	FK-SPEKTREN	73370			3- 732	ELEMENTART.	41540		WT	12-2007	FLUESSIGK.	58546
AB	5-2091	GITTERDYN.	67060			4-1005	STARKE WW.	41764	SMITH MURPHY JR. E.		1-1145	KERNSEKTR.	42570
	6-1060	KERNREAKTIO	43048			10-2820	GRENZFL.FK	74570		RK	1-1101	KERNSEKTR.	42555
	10-2330	MAGN.EIG.FK	69070			11-2004	KRISTALLE	65545		SMOCOVITIS D	4- 831	KERN-MESSG.	40582
	12-1346	KERNREAKTIO	43048	JAS	6-2181	FK-SPEKTREN	73370	27560		AN	7-1787	DISP.SYST.	59530
AC	8-2370	HALBLEITER	71510		8- 557	HF-TECHNIK	27560		EM	6-2287	MAGN.EIG.FK	69070	
ACH	12-1694	MOLEKUELE	52580		JC	11-1621	POLYMER	53542			10-2333	MAGN.EIG.FK	69070
AG	2-2839	PLANETEN	93614		JH	1- 802	ELEMENTART.	41546	SMOKTY	OI	3-2801	LUFTHUELLE	90860
AJ	8-1903	KRISTALLE	65584			7- 884	ELEMENTART.	41578	SMOLENKO	LA	2-1992	DIELEKTRIKA	68030
AJS	4- 886	ELEMENTART.	41546			9- 776	ELEMENTART.	41574	SMOLENSKII	GA	2-1987	DIELEKTRIKA	68030
	4- 897	ELEMENTART.	41563			9- 782	ELEMENTART.	41578			9-2163	MAGN.EIG.FK	69080
	8- 902	ELEMENTART.	41574			11-2458	MAGN.EIG.FK	69060			12-3112	OPT.EIG.FK	73610
	9- 828	STARKE WW.	41740		JL	3- 357	WAERME	24060	SMOLENSKY	GA	6-2204	FK-SPEKTREN	73355
	11- 742	ELEMENTART.	41574		JP	5-2697	DUENNE SCHI	74010			7-2160	MAGN.EIG.FK	69045
	11- 884	STARKE WW.	41764			12-2310	KRIST.FEHL.	66065			7-2161	MAGN.EIG.FK	69045
AL	12- 950	ELEMENTART.	41560		K	7-1350	ATOME	52070			11-2434	MAGN.EIG.FK	69050
	6-1302	MOLEKUELE	52524		KA	3- 311	HYDRODYNAM.	23030			12-3111	OPT.EIG.FK	73610
	11-1585	MOLEKUELE	52575			5- 336	HYDRODYNAM.	23040			4-2192	MAGN.EIG.FK	69065
AMO	10- 384	HYDRODYNAM.	23030		KF	1-1374	ATOME	52030	SMOLIN	MD	6-2483	HALBLEITER	71585
AP	2-1770	KRIST.FEHL.	66035			1-1502	MOLEKUELE	52553		RP	1-2138	MAGN.EIG.FK	69045
AW	3- 341	AKUSTIK	23570		L	4- 851	BESCHLEUNIG	41040			1-2139	MAGN.EIG.FK	69045
	5-2148	DIELEKTRIKA	68030		LB	3-2806	LUFTHUELLE	90870			4-2175	MAGN.EIG.FK	69045
	7- 534	MASER,LASER	28040		LE	4- 351	MECHANIK	22036			11- 567	PHYS.OPTIK	29086
BA	4-2832	PLANETEN	93612		LG	5-2836	IONOSPHERE	91020	SMOLKIN	GE	1-1598	PLASMA	57050
BE	5-1904	KRISTALLE	65572			11-3319	IONOSPHERE	91045	SMOLKOV	NA	12-2426	THERMEIG.FK	67510
BG	3-2875	PLANETEN	93640		MG	12-3382	ASTROPHYSIK	93020	SMOLLETT	M	10- 653	OPT.INSTRUM	28553
BH	10- 816	BESCHLEUNIG	41040			12-3461	KOSM.PHYSIK	94520	SMOLUCHOWSKI R		2-1759	KRIST.FEHL.	66030
BJ	11-3181	GRENZFL.FK	74555	MJA	9-2473	FK-SPEKTREN	73355				4-1913	KRIST.FEHL.	66025
BL	2-1868	MECH.EIG.FK	66596			9-2487	FK-SPEKTREN	73355			6-1910	KRIST.FEHL.	66030
	5-1769	FLUESSIGK.	58540		ND	9-2713	ERDKOERPER	90260			6-2880	PLANETEN	93614
	6-1707	FLUESSIGK.	58555		NV	6-1628	FLUESSIGK.	58520			9-2873	PLANETEN	93613
	12-2063	FLUESSIGK.	58570			6-1747	FLUESSIGK.	58570	SMOLYAKOV	BP	10-2630	FK-SPEKTREN	73355
CE	12-3405	PLANETEN	93614			7-1770	FLUESSIGK.	58570			11-2223	GITTERDYN.	67060
CHL	1- 826	ELEMENTART.	41566			10-1882	FLUESSIGK.	58570	SMOLYANKIN	VT	5- 977	STARKE WW.	41764
	4- 928	STARKE WW.	41710		OJ	10- 274	STATISTIK	17540			6- 597	KERN-MESSG.	40555
CL	4-1007	STARKE WW.	41764		P	7- 611	OPT.INSTRUM	28530	SMOLYANKINA	TG	5- 83	LABORTECHN.	12530
CW	5- 62	MESSEN	12250		PA	6-2816	IONOSPHERE	91020	SMOLYANSKII	SA	11-2246	THERMEIG.FK	67520
D	7-1977	MECH.EIG.FK	66514			6-2823	IONOSPHERE	91040	SMORODIN	YA	6- 855	STARKE WW.	41783
	9-1531	PLASMA	57203			6-2826	IONOSPHERE	91045			11- 910	STARKE WW.	41780
	10-2922	IONOSPHERE	91020		PD	10- 563	MASER,LASER	28040			11- 920	STARKE WW.	41783
	11- 617	KERN-MESSG.	40570		PF	2- 681	BESCHLEUNIG	41040	SMORODINSKY	J	7- 160	QUANTENTHEO	16553
	11-2331	THERMEIG.FK	67510			3-2342	SUPRALEITG.	70560		JA	6- 106	QUANTENTHEO	16526
	12- 509	ELEKTIZIT.	26014			6- 332	ELEKTIZIT.	26030		YA	7- 175	QUANTENTHEO	16580
DA	2- 966	KERNSEKTR.	42550		PJ	1-2695	GEOMAGNET.	90430			9- 124	QUANTENTHEO	16516
	2-1052	KERNREAKTIO	43054			6-2756	GEOMAGNET.	90430			9- 125	QUANTENTHEO	16516
	3-1691	KRISTALLE	65578			9-1883	KRIST.FEHL.	66040			10- 193	QUANTENTHEO	16530
	5-1155	KERNREAKTIO	43054		PJF	7-2563	OPT.EIG.FK	73645	SMOTRITSKY	LM	1-1126	KERNSEKTR.	42565
	5-1156	KERNREAKTIO	43054		PR	11- 76	QUANTENTHEO	16516	SMRZ	P	5- 857	STARKE WW.	41700
	6- 946	KERNSEKTR.	42550		PV	10-1810	FLUESSIGK.	58520	SMULDERS	PJM	5-1051	KERNSEKTR.	42545
	9-1875	KRIST.FEHL.	66035		PW	9- 526	MASER,LASER	28055			5-1052	KERNSEKTR.	42545
	12-2273	KRIST.FEHL.	66035			12-2164	KRISTALLE	65572			9- 948	KERNSEKTR.	42545
DB	8-2264	LEITFHGK.FK	70024		RC	1- 530	HF-TECHNIK	27540			11-1067	KERNSEKTR.	42545
DC	1-1566	PLASMA	57045			5- 596	MASER,LASER	28060	SMUSHKOV	IV	3-1623	KRISTALLE	65518
	3-1468	GASENTLADG.	57815			7-1479	MOLEKUELE	52585			6-1808	KRISTALLE	65518
DG	6- 371	TEILCH.OPT.	27062		RG	11- 434	MASER,LASER	28035			6-1857	KRISTALLE	65584
DK	11-2066	KRISTALLE	65578			11-2452	MAGN.EIG.FK	69060			11-2119	KRIST.FEHL.	66035
DL	7-1226	KERNREAKTIO	43075			12- 606	MASER,LASER	28045	SMUTNY	F	12-2495	DIELEKTRIKA	68030
	11-1163	KERNREAKTIO	43005		RL	7-2804	MAGNETOSPH.	91226	SMY	PR	5-1650	PLASMA	57010

SNELL	FM	3- 230	STATISTIK	17540	SOEDINGO	P	3- 764	ELEMENTART.	41574	SOLNTSEV	BA	2- 685	BESCHLEUNIG	41
		11- 269	HYDRODYNAM.	23000			9- 865	STARKE WW.	41762			2- 686	BESCHLEUNIG	41
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SNELLING	DR	5-1477	MOLEKUELE	52575	SOELLNER	AM	11-3184	GRENZFL.FK	74560	SOLNTZEV	BA	10- 824	BESCHLEUNIG	41
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SNELSON	A	3-1230	MOLEKUELE	52530	SOEZIMA	Y	2-1853	MECH.EIG.FK	66540	SOLODOV	VP	12-2314	KRIST.FEHL.	68
		8-1428	MOLEKUELE	52536			3-1296	POLYMERE	53510	SOLODOVNIKOV	A.I.			
SNIADOWER	L	10-2683	OPT.EIG.FK	73605			3-1297	POLYMERE	53510			5- 358	AKUSTIK	23
SNIATYCKI	J	6- 165	QU.FELDTHEO	17020			11- 251	MECHANIK	22036		AP	4-1108	KERNSPEKTR.	42
		12- 277	QU.FELDTHEO	17010	SOFFER	BH	7- 540	MASER,LASER	28045			6-1076	KERNREAKTIO	43
SNIDER	DR	6- 143	QUANTENTHEO	16582		J	4-1379	ATOME	52060	SOLODUNOV	VY	5-2676	OPT.EIG.FK	73
	JL	5-1282	ATOME	52045			6- 170	QU.FELDTHEO	17030			8-2477	FK-SPEKTREN	73
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		2- 366	THERMODYN.	24552			2-2879	KOSM.PHYSIK	94530	SOLOMATIN	VS	8-2583	OPT.EIG.FK	73
		3-1284	MOLEKUELE	52550			7-2924	KOSM.PHYSIK	94540	SOLOMKO	VN	12- 529	ELEKTRIZIT.	26
		9-1621	GASE	58050			9-2980	KOSM.PHYSIK	94540	SOLOMON	BS	3-2592	OPT.EIG.FK	73
SNI ES	W	11-3479	BIOPHYSIK	96040	SOGA	M	3- 942	KERNSPEKTR.	42550		I	2-2438	PHOTOLEITG.	72
SNIR	J	7-1363	ATOME	52075			8-1104	KERNSPEKTR.	42540		J	12-3027	FK-SPEKTREN	73
SNITKO	OV	4-2330	HALBLEITER	71566			11-1043	KERNSPEKTR.	42540			3- 949	KERNSPEKTR.	42
		4-2349	HALBLEITER	71540			11-1062	KERNSPEKTR.	42545			5-1480	MOLEKUELE	52
		8-2422	HALBLEITER	71580		N	2-1857	MECH.EIG.FK	66550		M	12-1029	STARKE WW.	41
		9-2351	PHOTOLEITG.	72510	SOGARD	MR	7-2058	GITTERDYN.	67060			1- 328	ELASTIZIT.	22
		12-2775	HALBLEITER	71530			11- 725	ELEMENTART.	41550			3- 53	MESSEN	12
SNIVELY JR.	JW	11- 619	KERN-MESSG.	40570	SOHMA	J	9- 478	HF-TECHNIK	27560			12-2044	FLUESSIGK.	58
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SNOW	EC	1-2174	LEITFHGK.FK	70024	SOIFER	GB	10-1566	MOLEKUELE	52553			7-2918	KOSM.PHYSIK	94
		4-2212	LEITFHGK.FK	70024		LM	6-1808	KRISTALLE	65518		PR	7-2262	SUPRALEITG.	70
	EH	3-2666	GRENZFL.FK	74520		YM	2-1919	GITTERDYN.	67070			8-2337	SUPRALEITG.	70
		5-2502	HALBLEITER	71570			9-1984	GITTERDYN.	67070			10-2442	SUPRALEITG.	70
	GA	1- 868	STARKE WW.	41730	SOINSKI	AJ	11-1128	KERNSPEKTR.	42565	SOLOMONOVA	LP	8-2133	DIELEKTRIKA	68
		4- 883	ELEMENTART.	41546	SOKAMA	T	5- 872	STARKE WW.	41710	SOLOMONS	C	6-1753	FLUESSIGK.	58
		6- 691	ELEMENTART.	41546	SOKHOR	MI	9-1933	MECH.EIG.FK	66540			10- 468	ELEKTRIZIT.	26
	K	11- 521	OPT.INSTRUM	28570			10-2114	MECH.EIG.FK	66545			10-1888	FLUESSIGK.	58
SNOWBALL	RF	1-2654	GRENZFL.FK	74555	SOKLAKOV	AI	3-1566	FLUESSIGK.	58530	SOLOVEV	AI	1- 303	MECHANIK	22
SNOWDEN JR.	BS	5-2171	FK-SPEKTREN	73370	SOKOL	BA	9- 769	ELEMENTART.	41572		AN	1-1765	FLUESSIGK.	58
		6-2128	THERMEIG.FK	67550	SOKOLENKO	EV	10- 393	HYDRODYNAM.	23060		KN	9- 504	MASER,LASER	28
		11-2957	FK-SPEKTREN	73370	SOKOLIK	IA	1-2379	HALBLEITER	71560			9-1300	MOLEKUELE	52
SNOWDON	RL	2- 327	WAERME	24040			10-2522	PHOTOLEITG.	72510			10-2581	FK-SPEKTREN	73
SNYDER	BJ	7- 749	KERN-MESSG.	40518	SOKOLOFF	J	8- 311	STATISTIK	17560		LS	1-1539	PLASMA	57
	LC	3- 387	THERMODYN.	24554		JB	3-2200	LEITFHGK.FK	70024			3-1358	PLASMA	57
	LE	1-1452	MOLEKUELE	52514	SOKOLOV	AA	9-2550	OPT.EIG.FK	73605		MY	6- 855	STARKE WW.	41
	MA	7-1529	PLASMA	57045		AD	6- 570	KERN-MESSG.	40518			11- 910	STARKE WW.	41
	RE	1-1111	KERNSPEKTR.	42560			6- 571	KERN-MESSG.	40518			11- 920	STARKE WW.	41
		3-1631	FK-SPEKTREN	73310		AP	5- 977	STARKE WW.	41764		SP	3-1841	KRIST.FEHL.	66
		12-1259	KERNSPEKTR.	42560			6- 597	KERN-MESSG.	40555		TN	8-1559	PLASMA	57
	RG	6-1630	FLUESSIGK.	58520			11- 341	WAERME	24095		VA	7-1689	FLUESSIGK.	58
	WH	3- 313	HYDRODYNAM.	23040		AV	7- 493	HF-TECHNIK	27520		V6	1-1012	KERNSTRUKT.	42
SNYTKO	AY	1- 395	AKUSTIK	23510		BK	11-2033	KRISTALLE	65578		VS	11- 476	MASER,LASER	28
SNYTKO	GP	11-2406	MAGN.EIG.FK	69040			11-2326	MAGN.EIG.FK	69010	SOLOVEVA	EV	2-2322	HALBLEITER	71
SOBAJIMA	S	10-1618	POLYMERE	53535		BM	6- 428	MASER,LASER	28055		LP	10-1997	KRISTALLE	65
SOBASZEK	A	12-2233	KRIST.FEHL.	66020			8-1702	GASENTLADG.	57880			11-2053	KRISTALLE	65
SOBCZAK	T	10-1011	STARKE WW.	41790		BV	4- 891	ELEMENTART.	41546		NM	4- 649	MASER,LASER	28
SOBCZYK	K	5-2755	GRENZFL.FK	74520			10-1379	KERNSTRHLG.	44030		VI	6-2795	KOSM.STRLG.	90
	L	12-2466	DIELEKTRIKA	68020		GP	1-1316	KERNSTRHLG.	44020			11-3267	KOSM.STRLG.	90
SOBEL	MI	2- 119	QUANTENTHEO	16578			10- 713	PHYS.OPTIK	29063	SOLOVIEV	AN	6-1683	FLUESSIGK.	58
		3- 874	KERNSTRUKT.	42010		IA	2-2846	PLANETEN	93630		LD	9- 802	STARKE WW.	41
		5- 906	STARKE WW.	41740		LI	4- 963	STARKE WW.	41740			10- 844	ELEMENTART.	41
SOBELMAN	II	8-2970	KOSM.PHYSIK	94520		LS	8-1188	KERNREAKTIO	43010			11- 767	STARKE WW.	41
SOBELMANN	II	10-1426	ATOME	52045		VA	4-2523	OPT.EIG.FK	73645			3- 901	KERNSTRUKT.	42
SOBESSKII	YR	3-2017	DIELEKTRIKA	68030			6-2592	OPT.EIG.FK	73635			3- 908	KERNSPEKTR.	42
		7-2541	OPT.EIG.FK	73610		VI	7-2185	MAGN.EIG.FK	69070			11-1133	KERNSPEKTR.	42
SOBIANIN	AA	5- 683	PHYS.OPTIK	29045			7-2321	HALBLEITER	71520			11-1344	KERNREAKTIO	43
SOBICZEWSKI	A	11- 998	KERNSTRUKT.	42075		VM	12-3019	FK-SPEKTREN	73360	SOLOVJEV	LE	5- 696	PHYS.OPTIK	29
SOBOL	H	2- 445	HF-TECHNIK	27540		VN	10- 624	OPT.INSTRUM	28516	SOLOVYEV	EI	12-3261	GRENZFL.FK	74
SOBOLEV	AP	11-1665	PLASMA	57020		VS	1-1574	PLASMA	57045		LE	12-2889	FK-SPEKTREN	73
	AV	2-2724	GEOMAGNET.	90440			5-1564	PLASMA	57050		LS	10-1696	PLASMA	57
	BP	7- 520	MASER,LASER	28000		VV	1- 207	QU.FELDTHEO	17010		VA	9-1716	FLUESSIGK.	58
	EV	2-2044	FK-SPEKTREN	73355			10- 165	QUANTENTHEO	16516		V6	7-1014	KERNSTRUKT.	42
		8-1886	KRISTALLE	65572			12- 537	ELEKTRODYN.	26530	SOLOVYOV	AV	4- 622	MASER,LASER	28
		8-2615	OPT.EIG.FK	73640		WA	9-2590	OPT.EIG.FK	73635		ES	9-1377	MOLEKUELE	52
		12-3126	OPT.EIG.FK	73635	SOKOLOVA	AA	1-2439	OPT.EIG.FK	73605		LD	1- 208	QU.FELDTHEO	17
	NN	1- 590	MASER,LASER	28055		TN	10- 756	KERN-MESSG.	40582		LS	5-1663	PLASMA	57
		2- 497	MASER,LASER	28055		VI	11-2666	HALBLEITER	71510			9-1459	PLASMA	57
		3- 521	MASER,LASER	28055	SOKOLOVSKAYA	A.I.					MI	5-1808	FLUESSIGK.	58
		6-1311	MOLEKUELE	52560			5-1833	FLUESSIGK.	58573		SP	9-2060	DIELEKTRIKA	68
		7- 569	MASER,LASER	28055		AL	3- 509	MASER,LASER	28045	SOLT	G	7-1483	KRIST.FEHL.	66
		7- 570	MASER,LASER	28055		TI	1-2568	OPT.EIG.FK	73650	SOLTAMOV	UB	2-2360	OPT.EIG.FK	73
		7- 574	MASER,LASER	28055			11-3043	OPT.EIG.FK	73650			3-2405	HALBLEITER	71
		7-1502	PLASMA	57010			12- 790	KERN-MESSG.	40518	SOLUNSKII	VI	4-1908	KRIST.FEHL.	66
		8- 602	MASER,LASER	28055	SOKOLOVSKII	TD	10-2147	GITTERDYN.	67040			7-1875	KRIST.FEHL.	66
		10- 592	MASER,LASER	28055		VP	4- 469	WAERME	24030	SOLUYAN	SI	7-1729	FLUESSIGK.	58
	SS	3-1478	GASENTLADG.	57840		VV	5- 29	LABORTECHN.	12530	SOLYANIK	AS	12- 721	PHYS.OPTIK	29
	VI	12- 97	MESSEN	12230	SOKOLOV	AA	10- 297	FELDTHEORIE	18020	SOLYOM	J	3-2275	LEITFHGK.FK	70
	VV	1-2563	OPT.EIG.FK	73640		EK	10-1346	K-REAKTOREN	43515			10-2164	THERMEIG.FK	67
		3-2896	STERNE	94025	SOKOLSKAYA	IL	3-2687	GRENZFL.FK	74573	SOM	MM	2- 218	FELDTHEORIE	18
		5-2342	LEITFHGK.FK	70028			5-2787	GRENZFL.FK	74573			10- 320	FELDTHEORIE	18
		12-3355	LUFTHUELLE	90860		JL	4-2643	GRENZFL.FK	74573			8- 709	PHYS.OPTIK	29
	YP	6-2846	MAGNETOSPH.	91226	SOKOLSKY	VV	3-1025	KERNREAKTIO	43040	SOMAYAJULU	DRS	10-1206	KERNREAKTIO	43
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SOBOLEVSKAYA	S.V.						7- 574	MASER,LASER	28055	SOMENKOV	VA	8-2075	GITTERDYN.	67
		11-2923	FK-SPEKTREN	73355			9-2882	PLANETEN	93614			9-1966	GITTERDYN.	67
SOBOLEYEV	RI	5-1575	PLASMA	57055	SOLBERG JR.	H8	8-1560	PLASMA	57015	SOMERTON	WH	5- 383	WAERME	24
SOBRINO DE L		6-1593	GASE	58010	SOLBES	A	3-2572	FK-SPEKTREN	73325	SOMERVILLE	RCJ	9-2764	LUFTHUELLE	90
		7- 227	STATISTIK	17523	SOLBRIG	C	11-2564	LEITFHGK.FK	70053	SOMESAN	M	12-1839	PLASMA	57
SOCHAVA	IV	5-1342	MOLEKUELE	52500			9-1959	GITTERDYN.	67010	SOMINSKII	MS	2-2332	HALBLEITER	71
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SONCINI - SPINETTI

I	G	5- 558 MASER, LASER	28045	SOSIN	A	11-2148 KRIST. FEHL.	66070	SPASSKY	AV	10-1308 KERNREAKTIO	43080
		7- 528 MASER, LASER	28040	SOSINSKY	MS	7-1341 ATOME	52065	SPATSCHKE	KH	1- 51 BUECHER	11040
YSKAYA I.A.				SOSINSKY	HL	2- 459 MASER, LASER	28030			3-1485 PLASMA	57055
		3-2269 HALBLEITER	71560			3- 504 MASER, LASER	28045	SPEAR	DL	9-2638 DUENNE SCHI	74040
YSKII VP		3-2269 HALBLEITER	71560			4- 621 MASER, LASER	28045	SPEARS	WE	11-2870 FK-SPEKTREN	73330
		4-2346 HALBLEITER	71540			4-2530 FK-SPEKTREN	73325		LG	12- 123 LABORTECHN.	12550
	E	2-2562 OPT.EIG.FK	73655			5- 538 MASER, LASER	28035	SPECHT	F	5-2233 MAGN.EIG.FK	69025
		3-1930 GITTERDYN.	67040			8- 595 MASER, LASER	28045		HJ	11-1315 KERNREAKTIO	43068
		7-1894 KRIST.FEHL.	66030	SOSNIAK	J	12- 607 MASER, LASER	28045	SPECIALE	RA	5- 787 BESCHLEUNIG	41040
		7-1950 KRIST.FEHL.	66065			2-2588 DUENNE SCHI	74020	SPECKER	EP	6- 104 QUANTENTHED	16523
I	11- 837	STARKE WW.	41740			6-2373 SUPRALEITG.	70530		H	6-1773 FK-PHYSIK	65000
T	9-3021	HOEREN	96310			9- 86 VAKUUM	13020	SPECTOR	HN	2-2056 FK-SPEKTREN	73360
CP	5-2914	PLANETEN	93640	SOSNOWSKI	R	4-1020 STARKE WW.	41780			2-2218 KRIST.FEHL.	66030
	7-2882	PLANETEN	93650			10- 995 STARKE WW.	41780			3-2075 FK-SPEKTREN	73360
	10-2949	MAGNETOSPH.	91280	SOSO	F	12- 968 ELEMENTART.	41574			4-2210 LEITFHGK.FK	70020
	10-3010	PLANETEN	93640	SOST	Y	1-2561 OPT.EIG.FK	73640			9-2197 LEITFHGK.FK	70060
HS	6- 825	STARKE WW.	41767	SOSZKA	W	1- 601 MASER, LASER	28060		RM	5- 948 STARKE WW.	41755
	8- 826	STARKE WW.	41767			5-2754 GRENZFL.FK	74520			10- 186 QUANTENTHED	16530
KS	5-2320	LEITFHGK.FK	70028	SOTER	S	2-2840 PLANETEN	93610	SPEDDING	FH	6-2520 FK-SPEKTREN	73325
	8-2270	LEITFHGK.FK	70028		SL	6-2884 PLANETEN	93610			11-2228 THERMEIG.FK	67510
P	10- 94	LABORTECHN.	12520			9-2993 KOSM.PHYSIK	94560			11-2260 THERMEIG.FK	67556
AA	1-1592	PLASMA	57050	SOTIROVSKI	P	4-2827 SONNENPHYS.	93324	SPEES JR.	ST	12-2132 KRISTALLE	65545
	3-2786	LUFTHUELLE	90815			4-2828 SONNENPHYS.	93324	SPEH	KC	5-1425 PLASMA	57093
AS	1-2517	OPT.EIG.FK	73610	SOTNIKOV	SK	10-1237 KERNREAKTIO	43046	SPEHL	H	4-1328 KERNSTRHLG.	44030
	2-2452	OPT.EIG.FK	73605	SOTOBAYASHI	T	2-2761 LUFTHUELLE	90890			7-1090 KERNSEKTR.	42550
	2-2513	OPT.EIG.FK	73610	SOTSII	BA	4- 736 PHYS.OPTIK	29035	SPEIDEL	KH	8-1135 KERNSEKTR.	42550
	2-2515	OPT.EIG.FK	73610			10- 576 MASER, LASER	28045			11-1011 KERNSEKTR.	42510
	2-2516	OPT.EIG.FK	73610	SOTT	M	3-1643 KRISTALLE	65545		MO	6-2019 MECH.EIG.FK	66516
	2-2519	OPT.EIG.FK	73610			3-2041 FK-SPEKTREN	73370		R	6- 354 TEILCH.OPT.	27016
	3-2017	DIELEKTRIKA	68030			6-1003 KERNSEKTR.	42570			7- 458 TEILCH.OPT.	27016
	3-2538	FK-SPEKTREN	73380	SOTTINI	S	7- 655 OPT.INSTRUM	28570	SPEIER	F	4-1398 ATOME	52075
	4-2489	OPT.EIG.FK	73610	SOUCHERE	G	10-1043 KERNSTRUKT.	42070			7-1357 ATOME	52075
	4-2491	OPT.EIG.FK	73610			10-1127 KERNSEKTR.	42555			7-1358 ATOME	52075
	6-2559	FK-SPEKTREN	73380			10-1296 KERNREAKTIO	43070	SPEIGHT	PA	4-1811 FLUESSIGK.	58557
	6-2562	FK-SPEKTREN	73380	SOUCHET	R	6- 228 ELASTIZIT.	22520	SPEJEWski	EH	1-1071 KERNSEKTR.	42545
	7-2541	OPT.EIG.FK	73610	SOUCERS	PC	7-1883 KRIST.FEHL.	66025			1-1147 KERNSEKTR.	42570
	7-2542	OPT.EIG.FK	73610	SOUFFRIN	P	8-2928 STERNE	94020			2- 630 KERN-MESSG.	40503
	9-2003	THERMEIG.FK	67510			8-2934 STERNE	94030			2- 961 KERNSEKTR.	42545
	9-2564	OPT.EIG.FK	73610			5-2934 KOSM.PHYSIK	94510			8-1155 KERNSEKTR.	42560
	11-2270	DIELEKTRIKA	68000	SOULE	DE	8-2255 LEITFHGK.FK	70024	SPEKTOR	AM	6-1510 PLASMA	57080
	12-2493	DIELEKTRIKA	68030	SOULETIE	J	10-2315 MAGN.EIG.FK	69060	SPEKTOROV	LA	6-1764 FLUESSIGK.	58576
EB	11-1658	PLASMA	57010	SOUNA	H	10-2728 OPT.EIG.FK	73640	SPELIOTIS	DE	11-2526 MAGN.EIG.FK	69095
	11-1833	GASENTLADG.	57860	SOUPRUNENKO	VA	9-1481 PLASMA	57055	SPENCE	DA	10- 816 BESCHLEUNIG	41040
BERG H	10-2677	FK-SPEKTREN	73380	SOURBE	M	4- 648 MASER, LASER	28060		RD	3-2033 FK-SPEKTREN	73370
BRUP BUO	9-2822	MAGNETOSPH.	91270			5-2622 FK-SPEKTREN	73380		W	3-2483 FK-SPEKTREN	73320
	12- 540	ELEKTRODYN.	26540			5-2623 FK-SPEKTREN	73380	SPENCER	D	6- 750 STARKE WW.	41710
HO T	7-2400	FK-SPEKTREN	73310	SOURDILLE	C	11- 404 HF-TECHNIK	27526		DHT	10- 395 HYDRODYNAM.	23070
ANG B	3-2654	DUENNE SCHI	74065	SOURIAU	JM	4- 859 ELEMENTART.	41520			12-3244 GRENZFL.FK	74570
	8-2462	FK-SPEKTREN	73320			5- 794 ELEMENTART.	41520		EG	3-2541 OPT.EIG.FK	73610
	9-2381	FK-SPEKTREN	73320	SOUSA	JB	3-2298 SUPRALEITG.	70550			4-2481 OPT.EIG.FK	73610
	10-1254	KERNREAKTIO	43054			7-2258 SUPRALEITG.	70520			7-2536 OPT.EIG.FK	73610
JRA H	1-2577	OPT.EIG.FK	73645			9-2012 THERMEIG.FK	67520			10-2209 DIELEKTRIKA	68020
	7-2327	HALBLEITER	71520			11-2239 THERMEIG.FK	67520			10-2636 FK-SPEKTREN	73360
DK	9-1044	KERNREAKTIO	43054			11-2240 THERMEIG.FK	67520		HE	2- 539 OPT.INSTRUM	28563
NK	6-1042	KERNREAKTIO	43040	SOUTHARD	JB	1- 359 HYDRODYNAM.	23040		HJ	10-2252 MAGN.EIG.FK	69025
PC	1-1216	KERNREAKTIO	43050	SOUTHERN	AL	2-1813 KRIST.FEHL.	66079			10-2341 LEITFHGK.FK	70010
	3- 887	KERNSTRUKT.	42040	SOUTHGATE	PD	6-2455 HALBLEITER	71566			11-2904 FK-SPEKTREN	73355
	4-1063	KERNSTRUKT.	42075			11- 452 MASER, LASER	28050		JB	4- 19 BIOGRAPHIEN	10220
	6-1042	KERNREAKTIO	43040	SOUTHWOOD	DJ	12-3378 MAGNETOSPH.	91270		MB	3-1000 KERNREAKTIO	43005
	10-1029	KERNSTRUKT.	42030	SOUTIF	M	12-2991 FK-SPEKTREN	73355			10-1090 KERNSEKTR.	42545
	10-1051	KERNSTRUKT.	42075	SOUZA DE	PD	4- 955 STARKE WW.	41740		PJ	4- 493 THERMODYN.	24533
PM	4- 801	KERN-MESSG.	40565			4- 989 STARKE WW.	41760		PM	6-2125 THERMEIG.FK	67550
	9- 826	STARKE WW.	41735	SOVEN	P	3-2188 LEITFHGK.FK	70024			8-1915 KRISTALLE	65588
INA NK	12-3455	KOSM.PHYSIK	94510	SOVERS	OJ	5-2305 KRISTALLE	65545	SPERBER	D	6- 901 KERNSEKTR.	42510
ZG	4-2241	LEITFHGK.FK	70053	SOVIE	RJ	9-1536 PLASMA	57210			12-1326 KERNREAKTIO	43040
GD	6-2514	FK-SPEKTREN	73325	SOWERBY	BD	1-1067 KERNSEKTR.	42545	SPERDUTO	A	3-1068 KERNREAKTIO	43064
TA	3-2578	OPT.EIG.FK	73650			10-1099 KERNSEKTR.	42545			7-1199 KERNREAKTIO	43056
SKAS K	8-2283	LEITFHGK.FK	70053	SOWINSKI	M	2-1089 KERNREAKTIO	43092			9-1055 KERNREAKTIO	43064
	4-2747	LUFTHUELLE	90890	SOWLS	R	5- 595 MASER, LASER	28060			9-1063 KERNREAKTIO	43066
JM	11- 988	KERNSTRUKT.	42070	SOXHLET	P	5-2574 FK-SPEKTREN	73325	SPERINDE	JM	5- 900 STARKE WW.	41735
TS	10- 642	OPT.INSTRUM	28540	SPADA	P	7-2932 KOSM.PHYSIK	94540	SPERLING	LH	11-1620 POLYMERE	53542
RAJANOV B	12-2916	FK-SPEKTREN	73330	SPADAVECCHIA	A	8- 778 KERN-MESSG.	40550	SPERNOL	A	6- 942 KERNSEKTR.	42550
TG	11-1233	KERNREAKTIO	43048			10- 765 KERN-MESSG.	40510	SPERO	DM	5-1560 PLASMA	57050
RA	10-2517	PHOTOLEITG.	72510	SPAETH	JM	6-2185 FK-SPEKTREN	73375	SPERRY	LL	5- 303 HYDRODYNAM.	23016
SEN B	6- 897	KERNSTRUKT.	42075	SPAGNOLO	FA	8- 719 PHYS.OPTIK	29045	SPEESCHA	GA	2- 37 BUECHER	11040
	8-1175	KERNSEKTR.	42570	SPAIN	RG	3-1320 POLYMERE	53560	SPETH	E	6- 915 KERNSEKTR.	42540
	9- 911	KERNSTRUKT.	42075			2- 801 STARKE WW.	41740			7- 991 STARKE WW.	41775
	10-1046	KERNSTRUKT.	42075	SPALDING	D	11- 936 KERNSTRUKT.	42010	SPEYBROECK	VAN	L.P.	
	11- 218	STATISTIK	17563			5- 391 WAERNE	24050			11- 725 ELEMENTART.	41550
G	11-1369	KERNSTRHLG.	44000			11-1922 FLUESSIGK.	58546	SPEYER	DM	5-1857 KRISTALLE	65518
	11-2142	GRENZFL.FK	74535	SPALEK	A	4-1128 KERNSEKTR.	42560	SPHON	JA	1- 102 VAKUUM	13030
RA	8- 83	UNTERRICHT	12045			6- 961 KERNSEKTR.	42560	SPICER	BM	7-1167 KERNREAKTIO	43024
	11-1147	KERNSEKTR.	42570			6- 974 KERNSEKTR.	42560			8-1191 KERNREAKTIO	43026
RG	11- 926	STARKE WW.	41790			6- 975 KERNSEKTR.	42560		WE	1-2533 OPT.EIG.FK	73605
WR	7-2770	IONOSPHAERE	91020	SPALETTO	I	11-1282 KERNREAKTIO	43058			2-2678 GRENZFL.FK	74570
H	7-2958	BIOPHYSIK	96040	SPALL	WD	7- 368 WAERNE	24020			4-2641 GRENZFL.FK	74570
VL	3-2508	FK-SPEKTREN	73325	SPALT	H	7-1961 KRIST.FEHL.	66076			6-2728 GRENZFL.FK	74570
HENKO RL	8-2970	KOSM.PHYSIK	94520	SPAMER	E	1-1047 KERNSEKTR.	42540			10-2684 OPT.EIG.FK	73605
	8-2971	KOSM.PHYSIK	94520			11-1213 KERNREAKTIO	43034			12-2615 LEITFHGK.FK	70024
	8-2991	KOSM.PHYSIK	94550			8- 433 AKUSTIK	23550			12-2616 LEITFHGK.FK	70024
BS	5- 452	THERMODYN.	24556	SPANDOECK	F	11-2852 FK-SPEKTREN	73325			12-2628 LEITFHGK.FK	70028
AA	9- 975	KERNSEKTR.	42560	SPANGLER	JD	7- 324 HYDRODYNAM.	23020	SPIEGEL	EA	6- 285 AKUSTIK	23530
	10-2544	FK-SPEKTREN	73310		JG	12- 432 HYDRODYNAM.	23030			8-2934 STERNE	94030
GP	11-2676	HALBLEITER	71520			3- 230 STATISTIK	17540	SPIEGELHALTER	F.		
LM	7- 477	TEILCH.OPT.	27040		RA	11- 269 HYDRODYNAM.	23000			10-1732 PLASMA	57210
	9-1826	KRISTALLE	65588			3-1643 KRISTALLE	65545	SPIES	J	8-2096 THERMEIG.FK	67520
OM	11- 576	KERN-MESSG.	40512	SPANJAARD	D	3-2151 MAGN.EIG.FK	69060	SPIEWICK	F	7- 561 MASER, LASER	28055
	12- 686	OPT.INSTRUM	28550	SPARKS	JT	3-2091 MAGN.EIG.FK	69020	SPIGER	RJ	7-1221 KERNREAKTIO	43075
PV	3-1015	KERNREAKTIO	43024		M	4-2129 FK-SPEKTREN	73369			11-1045 KERNSEKTR.	42540
	5-1188	KERNREAKTIO	43092			12-3014 FK-SPEKTREN	73360	SPIGHEL	M	10- 519 TEILCH.OPT.	27068
	12-1325	KERNREAKTIO	43036		PW	6-2119 THERMEIG.FK	67530	SPIJKERMAN	JJ	3-1658 FK-SPEKTREN	73310
VK	11-3064	DUENNE SCHI	74010		DM	2-2197 LEITFHGK.FK	70024			10- 764 KERN-MESSG.	40595
ES	3-1137	ATOME	52040	SPARLIN	MJ	4-2612 GRENZFL.FK	74530			12-2851 FK-SPEKTREN	73310
	5-1272	ATOME	52040	SPARNAAY	EM	1- 423 WAERNE	24050	SPILLANE	KT	12-3281 ERDKUERPER	90260
MF	1-2456	FK-SPEKTREN	73315			3- 639 PHYS.OPTIK	29060	SPILLANTINI	P	12- 968 ELEMENTART.	41574
LM	1- 764	BESCHLEUNIG	41040			4- 416 HYDRODYNAM.	23040	SPILLER	E	12- 695 OPT.INSTRUM	28570
AUX A	1-1903	KRIST.FEHL.	66065			5- 306 HYDRODYNAM.	23020	SPILLING	P	3-1023 KERNREAKTIO	43040
VN	7-1560	PLASMA	57075								

SPINKS - STARIKOV

SPINKS	N	5-1199 K-REAKTOREN	43515	SRIVASTAVA	BK	7-1163 KERNREAKTIO	43022	STAFSUDD	OM	7-2445 FK-SPEKTREN	73		
		5-1200 K-REAKTOREN	43515			12-1160 KERNSTRUKT.	42050			9-2443 FK-SPEKTREN	73		
		6-1126 K-REAKTOREN	43515	BN		1- 427 GASE	58025			11- 471 MASER, LASER	28		
		6-1127 K-REAKTOREN	43515			3-1515 GASE	58025			11-2893 FK-SPEKTREN	73		
SPINOLO	O	7-1902 KRIST. FEHL.	66030			5- 736 KERN-MESSG.	40922	STAGER	CV	2-1942 THERMEIG.FK	67		
		11-2835 FK-SPEKTREN	73320			5-1704 GASE	58025			4-2097 FK-SPEKTREN	73		
		12-2472 DIELEKTRIKA	68020			7-1661 GASE	58025			12-2961 FK-SPEKTREN	73		
SPINRAD	H	2-2860 STERNE	94020			8-1711 GASE	58025			12-3041 FK-SPEKTREN	73		
		2-2862 STERNE	94020			11-1596 MOLEKUELE	52580	STAGINNUS	B	3-2208 LEITFHGK.FK	70		
		4-2880 KOSM.PHYSIK	94540	GP		5-1804 FLUESSIGK.	58562			5-2615 FK-SPEKTREN	73		
		7-2864 PLANETEN	93612			6-2107 THERMEIG.FK	67510			12-3129 OPT.EIG.FK	73		
	RJ	4- 127 MESSEN	12240			10-1543 MOLEKUELE	52538	STAHL	A	1- 113 QUANTENTHEO	16		
SPINULESCU	CARNARU	I.				10-2539 FK-SPEKTREN	73310			5- 152 QUANTENTHEO	16		
		7-2590 DUENNE SCHI	74020			12-2896 FK-SPEKTREN	73325			7- 645 OPT.INSTRUM	28		
		1-2858 HOEREN	96310			4-1803 FLUESSIGK.	58560	STAINOV	G	11-1761 PLASMA	57		
SPIRA	D	8- 474 THERMODYN.	24520			9-1664 FLUESSIGK.	58530			11-3211 GRENZFL.FK	74		
SPRIDONOV	GA	5-1372 MOLEKUELE	52514			3- 207 QU.FELDTHEO	17025			10- 132 MATH.PHYSIK	16		
SPIRKO	V	5-2924 STERNE	94020			5- 866 STARKE WW.	41710			12-1897 GASENTLADG.	57		
SPIRKO	V	5-2924 STERNE	94020			7- 855 ELEMENTART.	41546	STAIR	R	3- 578 OPT.INSTRUM	28		
SPITKOVSKII	IM	10-1910 KRISTALLE	65510			7- 972 STARKE WW.	41760	STAIRS	DB	4-1233 KERNREAKTIO	43		
SPITS	AMJ	11-1223 KERNREAKTIO	43044			8-1035 STARKE WW.	41764			5- 965 STARKE WW.	41		
		12-1338 KERNREAKTIO	43044			11- 750 ELEMENTART.	41574			11- 812 STARKE WW.	41		
SPITZ	E	1- 650 OPT.INSTRUM	28570			11- 773 STARKE WW.	41710			12- 959 ELEMENTART.	41		
	J	12-2780 HALBLEITER	71530			12-1115 STARKE WW.	41764	STAJDOHAR	RE	2-2317 HALBLEITER	71		
	RD	9-1729 DISP.SYST.	59510			2-2060 FK-SPEKTREN	73360	STAKHANOV	IP	7-1538 PLASMA	57		
SPITZER	H	3- 764 ELEMENTART.	41574			S	2- 69 MATH.PHYSIK			7-1539 PLASMA	57		
	JJ	5- 233 STATISTIK	17526			SC	12-2927 FK-SPEKTREN	73330		8-1555 PLASMA	57		
	R	2- 740 ELEMENTART.	41570			SL	8-1423 MOLEKUELE	52536		8-1556 PLASMA	57		
		2- 885 STARKE WW.	41770			SP	1-2491 FK-SPEKTREN	73330		12-1727 PLASMA	57		
		10- 839 ELEMENTART.	41546				1-2491 FK-SPEKTREN	73330	STAKHOV	OY	10-1143 KERNSPEKTR.	42	
	WG	1-2458 FK-SPEKTREN	73320				2-1895 GITTERDYN.	67040	STAKHYRA	IM	3-2512 FK-SPEKTREN	73	
		2-2480 FK-SPEKTREN	73330				6-2547 FK-SPEKTREN	73330	STALDER	AF	6-1301 MOLEKUELE	52	
		5-2587 FK-SPEKTREN	73330			Y	2- 853 STARKE WW.	41755	STALEY	DO	11-3383 PLANETEN	92	
		9-1850 KRIST. FEHL.	66025				7- 987 STARKE WW.	41767	STALHERM	D	9-1170 ATOME	52	
		11-2875 FK-SPEKTREN	73330			YN	12- 258 QUANTENTHEO	16582	STALINSKI	B	9-2088 MAGN.EIG.FK	69	
SPITZER ARONSHON	M.						4- 923 ELEMENTART.	41580			12-3057 FK-SPEKTREN	73	
		11-1423 ATOME	52030				6- 131 QUANTENTHEO	16575	STALMAKHOVA	IP	10-1525 MOLEKUELE	52	
SPITZER ARONSHON	M.						6- 132 QUANTENTHEO	16575		LS	7-1781 FLUESSIGK.	58	
		12-1512 ATOME	52030				6- 832 STARKE WW.	41770	STAMENKOVICH	S.S.	4-2159 MAGN.EIG.FK	69	
SPITZER JR.	L	1- 614 OPT.INSTRUM	28520			SRKALOVA	V	7- 810 KERN-MESSG.	40582		11-3262 KOSM.STRLG.	90	
SPIZZICHINO	A	6-2944 KOSM.PHYSIK	94520			SROKA	W	5-1474 MOLEKUELE	52576	STAMENOV	I	7-1174 KERNREAKTIO	43
SPONG	FW	1- 587 MASER, LASER	28055			SROUBEK	Z	2-2030 FK-SPEKTREN	73355	STAMMBACH	T	1-1301 KERNSTRUKT.	42
		9- 529 MASER, LASER	28055					2-2083 MAGN.EIG.FK	69025	STAMMLER	RJJ	1-1474 MOLEKUELE	52
SPORTON	TM	4- 764 PHYS.OPTIK	29060					6-1812 KRISTALLE	65545	STAMMREICH	H	1- 978 KERNSTRUKT.	42
SPOSITO	G	5-1799 FLUESSIGK.	58560					8-1855 KRISTALLE	65545	STAMP	AP	1-1000 KERNSTRUKT.	42
SPRAGUE	JA	8-1991 KRIST. FEHL.	66065					8-2516 FK-SPEKTREN	73355			6- 891 KERNSTRUKT.	42
SPRATT	JL	3- 674 KERN-MESSG.	40518					11-2556 LEITFHGK.FK	70035			7-1073 KERNSPEKTR.	42
SPREEN	H	9-2107 MAGN.EIG.FK	69035			SRYGLEY	FD	12-2956 FK-SPEKTREN	73355			10-1090 KERNSPEKTR.	42
		9-2108 MAGN.EIG.FK	69035			ST PIERRE	C	1-2075 FK-SPEKTREN	73355	STAMPA	A	5-1684 PLASMA	57
SPRENGER	H	4-1846 KRISTALLE	65518			ST. PIERRE	C	3- 934 KERNSPEKTR.	42545	STAMPER	JA	5-1558 PLASMA	57
	K	7-2743 LUFTHUELLE	90840			ST. JOHN	GA	1-1256 KERNREAKTIO	43075			5-1602 PLASMA	57
SPRENKEL SEGEL	E.L.							11-1589 MOLEKUELE	52575	STAN	I	12- 408 HYDRODYNAM.	23
		9-2890 PLANETEN	93630					11-1590 MOLEKUELE	52575	STANCHEV	IB	8- 489 ELEKTRIZIT.	26
SPREUER	H	1- 422 WAERME	24050			RM		6-1214 ATOME	52070	STANCIU	GN	2- 113 QUANTENTHEO	16
SPRINGER	GS	1- 433 WAERME	24050					7-1329 ATOME	52060			10- 184 QUANTENTHEO	16
		2- 247 HYDRODYNAM.	23000			ST. LAURENT	P	7-1346 ATOME	52070	STANCU	V	2- 683 BESCHLEUNIG.	41
		12- 312 STATISTIK	17523					3-1223 MOLEKUELE	52530	STANDIL	S	10-2868 KOSM.STRLG.	90
	RW	9-1469 PLASMA	57050			ST. LORANT	SJ	12-1582 MOLEKUELE	52510			10-2869 KOSM.STRLG.	90
	T	8-2070 GITTERDYN.	67020			ST. LAAS	FA	12- 835 KERN-MESSG.	40555	STANDLEY	CL	6-2691 DUENNE SCHI	74
SPRINGETT	BE	9-1145 KERNSTRUKT.	40410			STAATS	PA	2-2289 SUPRALEITG.	70520		KJ	4-2118 FK-SPEKTREN	73
SPRINGTHORPE	A.J.	1-1738 FLUESSIGK.	58525					4-2287 SUPRALEITG.	70520			6-2203 FK-SPEKTREN	73
		9-2143 MAGN.EIG.FK	69060			STABELL	R	1- 624 OPT.INSTRUM	28530			9-2523 FK-SPEKTREN	73
		9-2435 FK-SPEKTREN	73330					7- 566 MASER, LASER	28055	STANDRING	J	10-1358 K-REAKTOREN	43
SPRINZ	H	6-1708 FLUESSIGK.	58557			STABNIKOV	MV	1- 277 FELDTHEORIE	18042	STANEK	J	5-2749 GRENZFL.FK	74
		6-1708 FLUESSIGK.	58557					7-2948 KOSM.PHYSIK	94583	STANFIELD	KC	5-1129 KERNREAKTIO	43
SPRINZAK	A	1-1137 KERNSPEKTR.	42565					6- 499 OPT.INSTRUM	28570	STANFORD	JL	4-2088 FK-SPEKTREN	73
SPROUL	ME	11- 916 STARKE WW.	41783					6- 500 OPT.INSTRUM	28570			5-2781 GRENZFL.FK	74
SPROUSE	JF	11-3184 GRENZFL.FK	74560			STACCHINI	A	9- 668 KERN-MESSG.	40550			9-2452 FK-SPEKTREN	73
SPRUCH	L	4-1415 ATOME	52070			STACEY	DN	11- 609 KERN-MESSG.	40555	STANGE	L	11-3220 ERDKOERPER	90
		7-1349 ATOME	52070					12-1501 ATOME	52024	STANIFORTH	GH	10- 127 VAKUUM	13
SPRUNG	DWL	11- 968 KERNSTRUKT.	42040			STACEY JR.	WM	7- 634 OPT.INSTRUM	28545	STANKEVICH	KS	8-3011 KOSM.PHYSIK	94
SPRUSIL	B	11-1993 KRISTALLE	65540					3-2878 PLANETEN	93640	STANKIEWICZ	R	2-1106 K-REAKTOREN	43
SPRY	WJ	9-2201 LEITFHGK.FK	70065					6-2256 MAGN.EIG.FK	69040	STANKO	W	4-1806 FLUESSIGK.	58
SPURK	JH	10-1740 PLASMA	57253					2- 63 MATH.PHYSIK	16020	STANKOFF	A	11-3137 DUENNE SCHI	74
SPURLING	TH	6-1597 GASE	58025					2-1100 K-REAKTOREN	43510	STANKOVSKII	BA	7-2332 HALBLEITER	71
		6-1602 GASE	58025					4-1300 K-REAKTOREN	43515			1-2080 FK-SPEKTREN	73
		12-1583 MOLEKUELE	52510			STACH	H	9-1110 K-REAKTOREN	43515			8-2513 FK-SPEKTREN	73
		12-1677 MOLEKUELE	52575					9-2509 FK-SPEKTREN	73370			9-2151 MAGN.EIG.FK	69
		12-1678 MOLEKUELE	52575			STACHEL	J	12- 349 FELDTHEORIE	18042	STANLEY	D	9-2474 FK-SPEKTREN	73
SPURNY	Z	8-1752 FLUESSIGK.	58530			STACHEWICZ	JW	5- 393 WAERME	24050			10-1011 STARKE WW.	41
		10- 753 KERN-MESSG.	40582			STACHOWIAK	H	6-2336 LEITFHGK.FK	70060			8-2963 KOSM.PHYSIK	94
		9-2586 OPT.EIG.FK	73630					6-2337 LEITFHGK.FK	70065			1-2109 MAGN.EIG.FK	69
SPUY VAN DER E	E	11- 147 QU.FELDTHEO	17010			STACHURA	Z	1-1118 KERNSPEKTR.	42560			1-2110 MAGN.EIG.FK	69
SPYRIDELIS	J	2-2476 FK-SPEKTREN	73330					1-1142 KERNSPEKTR.	42565			7-2140 MAGN.EIG.FK	69
SQUEREN LE	AM	12-3470 KOSM.PHYSIK	94550					3- 977 KERNSPEKTR.	42565			8-2162 MAGN.EIG.FK	69
SQUIRE	CF	7-1668 GASE	58050			STACK	JD	8-1002 STARKE WW.	41755			9-2096 MAGN.EIG.FK	69
		11-3001 OPT.EIG.FK	73605			STADNIK	AV	11-3067 DUENNE SCHI	74010			10-1405 ATOME	52
	DR	9-2020 THERMEIG.FK	67540			STADSNES	J	11-3242 GEOMAGNET.	90470	STANNARD	FR	12- 672 OPT.INSTRUM	28
SQUIRES	EJ	1- 938 STARKE WW.	41760			STADT VAN DE	H	4- 695 OPT.INSTRUM	28570			3- 850 STARKE WW.	41
		7- 965 STARKE WW.	41755					9- 502 MASER, LASER	28040			10- 913 STARKE WW.	41
		11- 140 QUANTENTHEO	16582			STAEBLEIN	H	2-1602 KRISTALLE	65510	STANTON	RE	8-1376 MOLEKUELE	52
		12-1084 STARKE WW.	41755			STAEHL	JL	12-3032 FK-SPEKTREN	73370			10-1392 ATOME	52
SRB	I	8-2492 FK-SPEKTREN	73330			STAEHL	DH	6-2962 KOSM.PHYSIK	94550			6-1969 KRIST. FEHL.	66
SREBRO	R	12-3496 SEHEN	96614			STAERK	K	12-3386 SONNENPHYS.	93312			11-2443 MAGN.EIG.FK	69
SREDNIANA	B	11- 780 STARKE WW.	41720			STAFFEY	AV	8-2147 DIELEKTRIKA	68050			12-2143 KRISTALLE	65
SREEKANTAN	BY	10- 967 STARKE WW.	41760					12-2998 FK-SPEKTREN	73355	STAPLETON	JJ	7-1048 KERNSPEKTR.	42
SREENIVASAN	N	1-2719 KOSM.STRLG.	90630			STAFFEY	VI	2-2360 OPT.EIG.FK	73610	STAPP	HP	3- 168 QUANTENTHEO	16
		3-2910 KOSM.PHYSIK	94530					3-2206 LEITFHGK.FK	70026			6- 200 STATISTIK	17
SRIDHAR	R	3- 853 STARKE WW.	41764					3-2403 HALBLEITER	71540			7- 171 QUANTENTHEO	16
		4- 913 ELEMENTART.	41574					3-2405 HALBLEITER	71540	STAR	WM	11-2444 MAGN.EIG.FK	69
SRINIVASAN	M	6-1130 K-REAKTOREN	43520					4-2346 HALBLEITER	71540	STARBLE	RJ	12-3162 DUENNE SCHI	74
	R	2-2052 FK-SPEKTREN	73355					7-1890 KRIST. FEHL.	66025	STARBUNOV	YN	12-3465 KOSM.PHYSIK	94
		2-2053 FK-SPEKTREN	73355					9-2328 HALBLEITER	71570	STARICHENKOV	BK	1-2040 DIELEKTRIKA	68
		5-2185 FK-SPEKTREN	73370					11-2694 HALBLEITER	71530	STARFELT	N	10-1091 KERNSPEKTR.	42
		9-1912 MECH.EIG.FK	66514					11-2695 HALBLEITER	71530	STARIK	PM	1-2038 DIELEKTRIKA	68
		10-2133 GITTERDYN.	670										

AD	7- 593	MASER, LASER	28060	STEARNS	RL	4-1023	STARKE WW.	41783	STEIN	R	10-1274	KERNREAKTIO	43058
VN	4- 972	STARKE WW.	41750			4-1236	KERNREAKTIO	43052		RF	6- 285	AKUSTIK	23530
KAYA NB	11-1687	PLASMA	57033			5-1148	KERNREAKTIO	43050			8-2927	STERNE	94020
DS	11- 635	KERN-MESSG.	40584			5-1149	KERNREAKTIO	43050		RP	9- 390	WAERME	24060
	12- 874	KERN-MESSG.	40584	STEBBINGS	RF	3-1182	MOLEKULE	52575			9-1426	PLASMA	57010
JP	5- 441	THERMODYN.	24536			10-2886	LUFTHUELLE	90820		RS	5-1512	POLYMERE	53535
L	11-3499	SEHEN	96610			12-1673	MOLEKULE	52570			5-2059	MECH.EIG.FK	66556
RW	1-2232	LEITFHGK.FK	70065	STEBEN	JD	10- 766	BESCHLEUNIG	41040			6-1378	POLYMERE	53535
	5-2327	LEITFHGK.FK	70024	STEBLIN	VI	2-2394	HALBLEITER	71570			11-1635	POLYMERE	53546
	5-2328	LEITFHGK.FK	70024			2-2560	OPT.EIG.FK	73645		S	8-1031	STARKE WW.	41764
	5-2329	LEITFHGK.FK	70024			3-2435	HALBLEITER	71570			9-1188	ATOME	52030
	6-2345	LEITFHGK.FK	70072			6-2458	HALBLEITER	71566		SG	1-1924	MECH.EIG.FK	66514
	7-2207	LEITFHGK.FK	70024			6-2611	OPT.EIG.FK	73645		TS	4-1368	ATOME	52010
	12-2614	LEITFHGK.FK	70024			6-2620	OPT.EIG.FK	73645			4-1369	ATOME	52035
	12-2620	LEITFHGK.FK	70024			8-2623	OPT.EIG.FK	73645		W	5- 511	TEILCH.OPT.	27068
WB	9-1593	GASENTLADG.	57870	STEBLOVA	RS	9-2773	LUFTHUELLE	90850			10- 5	BIOGRAPHIEN	10212
GV	2-2813	MAGNETOSPH.	91230	STECH	B	6- 659	ELEMENTART.	41530		WA	4-2866	KOSM.PHYSIK	94520
	9-2740	GEOMAGNET.	90470	STECHE	TP	4-2873	KOSM.PHYSIK	94520			6-2976	KOSM.PHYSIK	94565
	12-1247	KERN-SPEKTR.	42555			7-2914	KOSM.PHYSIK	94520	STEINBACH	WE	6-1109	KERNREAKTIO	43092
INETS JW	2-2168	MAGN.EIG.FK	69070	STECHE RASMUSSEN	F.	2- 912	KERNSTRUKT.	42040	STEINBEISS	KH	4- 42	PLASMA	10540
	12-3013	FK-SPEKTREN	73360			2- 360	THERMODYN.	24533	STEINBERG	E	8-2157	MAGN.EIG.FK	69015
UBOV YD	3-1876	MECH.EIG.FK	66540	STECKEL	F	8- 803	KERN-MESSG.	40582		DJ	12-1769	PLASMA	57053
	7-1993	MECH.EIG.FK	66516	STECKELMACHER	W.	2- 13	TAGUNGEN	10525		EP	11- 656	BESCHLEUNIG	41020
UBTSEV S.V.	3-1752	KRIST.FEHL.	66020			7- 804	KERN-MESSG.	40570			11-1282	KERNREAKTIO	43058
	6- 913	KERN-SPEKTR.	42550	STECKELMACHER	W					H	9- 47	UNTERRICHT	12010
	8-2009	KRIST.FEHL.	66073							JL	4-2843	PLANETEN	93650
	10-2075	KRIST.FEHL.	66076								8-2835	ASTROPHYSIK	93020
LINSKII L.R.	3-1364	PLASMA	57045	STECKER	K	7- 100	VAKUUM	13020		M	10-1682	PLASMA	57050
KKA A	12-2207	KRISTALLE	65588	STECKI	J	3-2359	HALBLEITER	71505			11-1587	MOLEKULE	52575
TENKOV M.D.	2-1718	KRISTALLE	65588	STECURA	S	8-1578	PLASMA	57026		PH	6- 688	ELEMENTART.	41546
	3-2546	OPT.EIG.FK	73610	STEDMAN	R	12- 110	LABORTECHN.	12525		RF	6- 864	STARKE WW.	41790
	4-2270	KRISTALLE	65545			5-2069	GITTERDYN.	67020	STEINBERGER	IT	3-2225	LEITFHGK.FK	70053
	6-2569	OPT.EIG.FK	73610			5-2070	GITTERDYN.	67020		J	12-2271	KRIST.FEHL.	66035
	8-2584	OPT.EIG.FK	73610	STEEB	S	6-2303	LEITFHGK.FK	70024			6- 689	ELEMENTART.	41546
ATIOV AA	4-2763	IONOSPHERE	91045	STEEBS	JW	7-1808	KRISTALLE	65545		S	8- 866	ELEMENTART.	41546
UITOV AT	5-2269	MAGN.EIG.FK	69045			6- 365	TEILCH.OPT.	27040	STEINBOCK	M	4-1733	GASENTLADG.	57860
	12-2563	MAGN.EIG.FK	69045			7-1914	KRIST.FEHL.	66035	STEINCHEN	A	11-3501	IONOSPHERE	91020
UITOVA R.P.	10- 689	PHYS.OPTIK	29030	STEEGE VAN DER A.N.		7-1915	KRIST.FEHL.	66035	STEINEMANN	A	9-1726	DISP.SYST.	59500
JB	4- 416	HYDRODYNAM.	23040			5-1707	GASE	58025	STEINER	D	2-2571	DUENNE SCHI	74010
VP	7-2831	SonnenPHYS.	93300	STEEL	B	2-1920	FLUESSIGK.	58520		H	2-1920	THERMEIG.FK	67510
WT	6- 335	ELEKTIZIT.	26050		WH	9-1644	FLUESSIGK.	58520		N	10- 933	STARKE WW.	41745
DFH	7-1079	KERN-SPEKTR.	42545		WJ	6- 475	OPT.INSTRUM	28545			11- 895	STARKE WW.	41770
	11-1038	KERN-SPEKTR.	42540		J	3- 467	HF-TECHNIK	27560	STEINERT	K	11- 896	STARKE WW.	41773
EEV AA	12- 909	ELEMENTART.	41510		LE	1-1295	K-REAKTOREN	43520		J	8- 642	OPT.INSTRUM	28545
GP	1- 567	MASER, LASER	28045		WA	7-1647	GASE	58010			2-2114	MAGN.EIG.FK	69040
	8-1318	ATOME	52024			7-1648	GASE	58010	STEINFELD	JJ	4- 459	AKUSTIK	23550
VI	3-1925	GITTERDYN.	67020	STEENBECK	M	11-1887	FLUESSIGK.	58573		MI	4-1515	MOLEKULE	52585
OV VS	2-1596	FLUESSIGK.	58573			4-2836	PLANETEN	93610	STEINFINK	H	12-2906	FK-SPEKTREN	73330
	6- 519	PHYS.OPTIK	29045			6- 9	BIOGRAPHIEN	10216	STEINGRABER	OJ	11-2485	MAGN.EIG.FK	69060
	7- 692	PHYS.OPTIK	29043	STEENBERG	NR	6-2845	MAGNETOSPH.	91223	STEINHARDT	RG	7- 597	OPT.INSTRUM	28513
	7- 693	PHYS.OPTIK	29043			1-1156	KERN-SPEKTR.	42575	STEINHAUS	JF	1- 624	OPT.INSTRUM	28530
	7-1727	FLUESSIGK.	58543			3- 799	STARKE WW.	41725	STEINHILPER	W	1-1695	PLASMA	57270
	7-2514	FK-SPEKTREN	73380	STEENBERGEN VAN A.		10- 890	STARKE WW.	41725			7- 310	HYDRODYNAM.	23010
	8-1816	FLUESSIGK.	58573			2- 668	BESCHLEUNIG	41000	STEINMANN	O	2- 842	STARKE WW.	41753
	10- 694	PHYS.OPTIK	29045	STEENEKEN	HJM	7-2149	MAGN.EIG.FK	69060		W	7- 214	QU.FELDTHEO	17060
SKIEWICZ A.	9- 106	MATH.PHYSIK	16020	STEENLAND MJ		10- 787	BESCHLEUNIG	41020			7-2671	GRENZFL.FK	74570
	8-1167	KERN-SPEKTR.	42565	STEENWINKEL VAN R.		11-3492	HOEREN	96310			10-2792	DUENNE SCHI	74060
IB	10-1972	KRISTALLE	65572			10-2793	DUENNE SCHI	74060	STEINMETZ	DL	11-2837	FK-SPEKTREN	73320
PM	7-2312	HALBLEITER	71520			8-2182	MAGN.EIG.FK	69030		L	1- 618	OPT.INSTRUM	28526
M	11-1574	MOLEKULE	52570	STEEPLE	H	10-1860	FLUESSIGK.	58557	STEINSCHEIDER V.B.		3-2703	ERDKOERPER	90235
ME	6-1355	MOLEKULE	52575		RC	12-2022	FLUESSIGK.	58557			7- 509	HF-TECHNIK	27540
	11-1573	MOLEKULE	52575	STEERE		12-3031	FK-SPEKTREN	73370	STEINSVOLL O		4-2183	MAGN.EIG.FK	69060
DI	1- 704	PHYS.OPTIK	29063			7- 402	WAERME	24060			11-2030	KRISTALLE	65576
	7- 550	MASER, LASER	28045	STEERMAN	CE	1-1992	THERMEIG.FK	67520	STEINWEHR V. H.E.				
	10- 577	MASER, LASER	28045	STEERS	EBM	6- 305	WAERME	24060			7-1845	KRISTALLE	65588
	12- 708	OPT.INSTRUM	28570	STEFANI	R	12-1204	KERN-SPEKTR.	42540			7-1846	KRISTALLE	65588
VD	4- 439	AKUSTIK	23510	STEFANINI	A	4-1354	ATOME	52024	STEKELNBURG VAN L.H.M.		11- 629	KERN-MESSG.	40582
M	2-1756	KRIST.FEHL.	66030			6- 825	KERN-MESSG.	40565	STEKERT	JJ	12-1793	PLASMA	57075
	9-2475	FK-SPEKTREN	73355	STEFANOV	M	6- 767	STARKE WW.	41725	STEKETEE	JA	3- 294	HYDRODYNAM.	23015
	10-2615	FK-SPEKTREN	73355	STEFANOVA	OK	6-2205	FK-SPEKTREN	73355	STEKHANOV	AI	8-2501	FK-SPEKTREN	73340
ZV	9-2690	GRENZFL.FK	74535	STEFANOVIC	DB	8- 856	KERN-MESSG.	40542			11-2880	FK-SPEKTREN	73330
YB	8- 382	HYDRODYNAM.	23020	STEFANOVICH AE		5-1815	FLUESSIGK.	58565	STEKLY	ZJJ	12-2921	FK-SPEKTREN	73330
WO	6-1376	POLYMERE	53535	STEFANSKI RJ		12-1417	K-REAKTOREN	43515	STELL	JH	3-2341	SUPRALEITG.	70560
	8-1517	POLYMERE	53535			8-2292	LEITFHGK.FK	70056		G	10- 454	THERMODYN.	24536
H	1- 552	MASER, LASER	28040	STEFFEN	D	8- 777	KERN-MESSG.	40542		JH	6- 446	OPT.INSTRUM	28530
	5- 536	MASER, LASER	28035		H	11-3259	KOSM.STRLG.	90640	STELLA	A	8-2063	MECH.EIG.FK	66556
	9- 498	MASER, LASER	28040			12-3305	KOSM.STRLG.	90630		B	2- 743	ELEMENTART.	41574
	9- 521	MASER, LASER	28055		KG	7- 459	TEILCH.OPT.	27016		R	2-1094	KERNREAKTIO	43092
HH	8-1108	KERN-SPEKTR.	42540			2- 790	MASER, LASER	28055			2-1095	KERNREAKTIO	43092
W	7-2535	OPT.EIG.FK	73610		P	3- 518	MASER, LASER	28055	STELLE	MC	2-1096	KERNREAKTIO	43092
ENMAIER H	6- 817	STARKE WW.	41764		RM	5- 574	MASER, LASER	28055	STELMAKH	VF	1-2314	HALBLEITER	71520
RF	1-1989	THERMEIG.FK	67520	STEGEMAN	GIA	3- 689	KERN-MESSG.	40532			9-2587	OPT.EIG.FK	73635
B	9-1334	MOLEKULE	52553	STEGEMANN	D	8- 816	BESCHLEUNIG	41020	STELMASHENKO M.A.		6-2267	MAGN.EIG.FK	69045
JH	1-1968	GITTERDYN.	67060		P	3- 764	ELEMENTART.	41574			11-2426	MAGN.EIG.FK	69045
D	4-2280	SUPRALEITG.	70520	STEHLE	AF	6- 980	KERN-SPEKTR.	42565	STELSON	P	10-1262	KERNREAKTIO	43054
	11-1892	FLUESSIGK.	58525	STEHNAY		2-1941	POLYMERE	53546		PH	2-1056	KERNREAKTIO	43056
FR	8- 629	OPT.INSTRUM	28530			3-1098	K-REAKTOREN	43520			5-1056	KERN-SPEKTR.	42550
JL	10-1510	MOLEKULE	52514	STEICHELE	E	2- 233	MECHANIK	22010			6- 963	KERN-SPEKTR.	42560
HF	5-2053	MECH.EIG.FK	66556			11- 656	BESCHLEUNIG	41020	STELTS	ML	10-1109	KERN-SPEKTR.	42550
GH	11-2901	FK-SPEKTREN	73345	STEIGER	AD	11-1282	KERNREAKTIO	43058	STELZER	F	12-1392	KERNREAKTIO	43080
	11-2965	FK-SPEKTREN	73370		WR	4- 222	QUANTENTHEO	16556		K	1-1262	KERNREAKTIO	43080
MM	4-1250	KERNREAKTIO	43056	STEIGERWALT JE		5-2829	LUFTHUELLE	90870	STEMPLE	NR	6- 301	WAERME	24060
LAK	2- 359	THERMODYN.	24533	STEIGLITZ	K	6- 931	KERN-SPEKTR.	42545	STENSON	RO	2-1034	KERNREAKTIO	43046
	6-1633	FLUESSIGK.	58520			1-1337	ATOME	52010			11-2041	KRISTALLE	65584
AJ	4-1573	POLYMERE	53540	STEIN	BF	7- 539	MASER, LASER	28045			8-2740	KOSM.STRLG.	90630
	8-1504	POLYMERE	53525			11-3059	DUENNE SCHI	74010	STENFLO	JO	10-2968	SonnenPHYS.	93324
VS	12- 848	KERN-MESSG.	40570		DF	6-2010	MECH.EIG.FK	66500		L	1-1628	PLASMA	57085
TSKAYA TS	10-2397	LEITFHGK.FK	70035		E	6-2191	FK-SPEKTREN	73355			2-1389	PLASMA	57070
O	10-1072	KERN-SPEKTR.	42540		G	6-1988	KRIST.FEHL.	66065			2-2356	HALBLEITER	71540
VA	10-1171	KERN-S											

STENSLAND - STOKES

STENSLAND B 4-2717 KOSM.STRLG. 90660
11-3255 KOSM.STRLG. 90633
STENZEL G 3-1793 KRIST.FEHL. 66035
STEPAKOFF GL 5-2110 THERMEIG.FK 67510
STEPAN IE 10-1323 KERNREAKTIO 43092
STEPANCHENKO E.S.
9-2609 OPT.EIG.FK 73645
STEPANCIC B 5-1177 KERNREAKTIO 43085
STEPANOV AI 3- 508 MASER,LASER 28045
7- 546 MASER,LASER 28045
AM 5-1562 PLASMA 57050
12- 838 KERN-MESSG. 40555
AV 8-1967 KRIST.FEHL. 66035
10-2116 MECH.EIG.FK 66550
12-1410 K-REAKTOREN 43515
12-2363 MECH.EIG.FK 66550
BI 5- 562 MASER,LASER 28045
7- 593 MASER,LASER 28060
8- 612 MASER,LASER 28060
BM 1- 570 MASER,LASER 28050
DP 8- 601 MASER,LASER 28055
EK 7- 776 KERN-MESSG. 40530
EP 12-1236 KERN-SPEKTR. 42550
GI 3-2213 LEITFHGK.FK 70038
GN 8-1287 KERNSTRHLG. 44010
IV 11-1271 KERNREAKTIO 43054
KL 8-1688 GASENTLADG. 57815
KN 1-2123 MAGN.EIG.FK 69030
4- 758 PHYS.OPTIK 29053
4-1648 PLASMA 57055
4-1688 PLASMA 57075
6-2331 LEITFHGK.FK 70056
8-1633 PLASMA 57070
11-1764 PLASMA 57085
MI 3-1853 KRIST.FEHL. 66065
11-1644 POLYMERE 53546
NS 8-2081 GITTERDYN. 67060
9-1496 PLASMA 57075
9-1679 FLUESSIGK. 58543
NV 11-2642 SUPRALEITG. 70530
VE 1- 165 QUANTENTHEO 16533
9- 842 STARKE WW. 41750
VG 1-2081 FK-SPEKTREN 73355
2-2043 FK-SPEKTREN 73355
4-2124 FK-SPEKTREN 73355
4-2125 FK-SPEKTREN 73355
6-2209 FK-SPEKTREN 73355
11-2920 FK-SPEKTREN 73355
11-2921 FK-SPEKTREN 73355
11-2922 FK-SPEKTREN 73355
VK 1- 605 MASER,LASER 28060
VV 6- 730 ELEMENTART. 41580
STEPANOVA MI 5-2346 LEITFHGK.FK 70028
11-2668 HALBLEITER 71510
STEPANYAN AA 3-2766 KOSM.STRLG. 90633
4- 359 ELASTIZIT. 22510
STEPANYOUK NM 11- 235 FELDTHEORIE 18042
STEPHAN C 5-1185 KERNREAKTIO 43092
CJ 7-1243 KERNREAKTIO 43092
B 1-2460 FK-SPEKTREN 73320
1-2632 DUENNE SCHI 74060
1-2420 FK-SPEKTREN 73320
5- 712 PHYS.OPTIK 29083
8-2663 DUENNE SCHI 74060
W 2- 236 MECHANIK 22020
STEPHANI H 12- 348 FELDTHEORIE 18042
STEPHAS G 4-1157 KERN-SPEKTR. 42570
P 12-1185 KERN-SPEKTR. 42515
STEPHEN MJ 6-2366 SUPRALEITG. 70520
11-2612 SUPRALEITG. 70520
RO 1-1238 KERNREAKTIO 43060
DR 7-1978 MECH.EIG.FK 66514
FS 5-1178 KERNREAKTIO 43085
10-1313 KERNREAKTIO 43085
12-1294 KERN-SPEKTR. 42575
GA 1-1248 KERNREAKTIO 43066
JB 5- 102 VAKUUM 13020
JS 10-1990 KRISTALLE 65584
PJ 10-2699 OPT.EIG.FK 73610
RM 12-1619 MOLEKUELE 52536
RWB 6-1688 FLUESSIGK. 58543
SA 3-2748 KOSM.STRLG. 90630
9-2743 KOSM.STRLG. 90630
12-3466 KOSM.PHYSIK 94530
WE 4-1270 KERNREAKTIO 43075
WH 12-1769 PLASMA 57053
STEPHENSON CC 10-2171 THERMEIG.FK 67510
DA 9-1322 MOLEKUELE 52543
JC 3-1586 FLUESSIGK. 58557
4-2738 LUFTHUELLE 90860
RL 12-2530 MAGN.EIG.FK 69025
STEPHENSON JR. 1-1049 KERN-SPEKTR. 42540
GJ 11- 993 KERNSTRUKT. 42070
R 7-1050 KERN-SPEKTR. 42530
STEPHEN K 9-2979 KOSM.PHYSIK 94540
10-3060 STERNE 94050
W 7-1237 KERNREAKTIO 43090
J 10-1987 KRISTALLE 65584
HJ 5-1937 KRIST.FEHL. 66010
STEPULA EV 11- 599 KERN-MESSG. 40532
STERBA F 3-1063 KERNREAKTIO 43056
STERNBUSEN YA 12-3228 GRENZFL.FK 74520
STERKHOF VA 2-1753 KRIST.FEHL. 66025
3-1751 KRIST.FEHL. 66020
STERLIKOV YI 9-2262 HALBLEITER 71505
STERLING DL 7-2781 IONOSPHERE 91020
HF 2-2308 HALBLEITER 71510
KJ 12- 125 LABORTECHN. 12550
AG 6-1441 PLASMA 57045
D 2-2711 GEOMAGNET. 90400
5-2865 MAGNETOSPH. 91230
E 4-2548 DUENNE SCHI 74010
EA 3-2232 LEITFHGK.FK 70056
5-2774 GRENZFL.FK 74560
6-2678 DUENNE SCHI 74060

STERN EA 8-2248 LEITFHGK.FK 70024
12-2605 LEITFHGK.FK 70010
F 6-2405 HALBLEITER 71500
6-2476 HALBLEITER 71580
H 3- 831 STARKE WW. 41753
4- 903 ELEMENTART. 41566
4- 988 STARKE WW. 41760
7- 210 QU.FELDTHEO 17040
J 1- 175 QUANTENTHEO 16556
1- 912 STARKE WW. 41753
2- 873 STARKE WW. 41760
KH 7-1785 DISP.-SYST. 59520
12-1974 FLUESSIGK. 58530
PG 3-1303 POLYMERE 53535
RM 9-1804 KRISTALLE 65574
12-3269 GRENZFL.FK 74576
SA 3- 101 VAKUUM 13025
9-2682 GRENZFL.FK 74535
W 12-1844 PLASMA 57203
RS 6- 461 OPT.INSTRUM 28530
STERNHEIM MM 6- 779 STARKE WW. 41735
STERNHEIMER D 2- 76 QUANTENTHEO 16516
5- 154 QUANTENTHEO 16523
RM 2-1643 KRISTALLE 65545
6-1161 ATOME 52010
10-1377 KERNSTRHLG. 44030
STERRETT KF 7- 642 OPT.INSTRUM 28550
STERU M 4- 383 HYDRODYNAM. 23010
9- 395 WAERME 24070
STERZEL W 12-2353 MECH.EIG.FK 66556
STETSENKO YE 11-2169 MECH.EIG.FK 66514
STETSER DA 1- 545 MASER,LASER 28030
STETSIY YI 12-2181 KRISTALLE 65574
STETSKIY OP 1-1782 FLUESSIGK. 58565
7-1741 FLUESSIGK. 58550
STETSON KA 2- 551 OPT.INSTRUM 28570
5- 640 OPT.INSTRUM 28570
12- 698 OPT.INSTRUM 28570
JD 5-2078 GITTERDYN. 67040
A 1-1369 ATOME 52030
1-1373 ATOME 52030
6- 460 OPT.INSTRUM 28530
6- 466 OPT.INSTRUM 28540
8-1320 ATOME 52030
H 1- 109 MATH.PHYSIK 16020
7-1323 ATOME 52045
M 1-1290 K-REAKTOREN 43520
JM 9-1663 FLUESSIGK. 58530
P 5- 618 OPT.INSTRUM 28530
6-1410 PLASMA 57023
AL 4- 137 LABORTECHN. 12530
HO 12-3009 FK-SPEKTREN 73360
KWH 6-2165 FK-SPEKTREN 73355
8-2556 FK-SPEKTREN 73370
10-2024 KRIST.FEHL. 66025
12-2418 THERMEIG.FK 67510
PRC 12-2305 KRIST.FEHL. 66065
TJ 10-1898 DISP.-SYST. 59510
RR 2- 980 KERN-SPEKTR. 42565
3-1653 FK-SPEKTREN 73310
DA 9-2268 HALBLEITER 71520
DG 6-1867 KRISTALLE 65595
JR 3-2549 OPT.EIG.FK 73605
R 4-2153 MAGN.EIG.FK 69030
12-2882 FK-SPEKTREN 73325
RW 8-2555 FK-SPEKTREN 73370
RWH 5-2016 MECH.EIG.FK 66514
11-2316 MAGN.EIG.FK 69010
11-2379 MAGN.EIG.FK 69030
TE 7-2812 MAGNETOSPH. 91230
TM 12- 433 HYDRODYNAM. 23030
EA 9-2379 FK-SPEKTREN 73315
AL 9-1189 ATOME 52030
9-1196 ATOME 52040
11-1402 ATOME 52010
11-1422 ATOME 52010
12-1574 ATOME 52075
AT 6-2297 LEITFHGK.FK 70020
8-1721 FLUESSIGK. 58520
8-2249 LEITFHGK.FK 70024
8-2250 LEITFHGK.FK 70024
DJ 2-2125 MAGN.EIG.FK 69045
DT 4-1115 KERN-SPEKTR. 42555
12-1337 KERNREAKTIO 43044
ET 4- 207 QUANTENTHEO 16530
FG 3-2823 IONOSPHERE 91040
GH 7- 347 HYDRODYNAM. 23070
HA 5-2867 MAGNETOSPH. 91250
JC 9- 608 PHYS.OPTIK 29040
JE 4- 676 OPT.INSTRUM 28545
9- 563 OPT.INSTRUM 28530
JM 8-2739 KOSM.STRLG. 90600
JR 7-1749 FLUESSIGK. 58557
JW 12-2335 MECH.EIG.FK 66514
KWC 1-1002 KERNSTRUKT. 42070
P 3-2918 KOSM.PHYSIK 94580
8-2988 KOSM.PHYSIK 94550
PAM 7-2307 HALBLEITER 71510
RJ 8-1191 KERNREAKTIO 43026
RW 12- 428 HYDRODYNAM. 23030
WB 8-1669 PLASMA 57216
WC 12-2699 SUPRALEITG. 70520
WM 6-1096 KERNREAKTIO 43080
WW 4-1833 DISP.-SYST. 59530
K 8- 412 HYDRODYNAM. 23020
9- 281 HYDRODYNAM. 23020
9- 325 HYDRODYNAM. 23060
7-2296 METAL.LEITG 71010
10-2228 MAGN.EIG.FK 69000
10-2510 THERMOELEG. 72010
11-2087 KRIST.FEHL. 66025
STEYERT JR. WA 1-2287 SUPRALEITG. 70550
STEYMAN C 5-1780 FLUESSIGK. 58546
STICHEL P 12- 269 QU.FELDTHEO 17010

STICHOV SM 1-1793 FLUESSIGK. 580
STICKEL W 12-2386 GITTERDYN. 671
STICKLAND AC 5- 39 BUECHER 111
8- 45 BUECHER 111
STICKLER JJ 8-2163 MAGN.EIG.FK 690
8-2545 FK-SPEKTREN 733
12-3005 FK-SPEKTREN 733
R 10-2754 DUENNE SCHI 740
STICKNEY RE 1-2667 GRENZFL.FK 745
4-2618 GRENZFL.FK 745
5-1335 ATOME 520
12-1538 ATOME 520
7- 851 ELEMENTART. 415
11- 709 ELEMENTART. 415
STIER HE 12- 900 BESCHLEUNIG 410
STIERSTADT K 1-2128 MAGN.EIG.FK 690
5-2254 MAGN.EIG.FK 690
11-2394 MAGN.EIG.FK 690
12-2565 MAGN.EIG.FK 690
1-2501 FK-SPEKTREN 733
STIERWALD DL 10-2458 HALBLEITER 715
STIERWALT DL 8-1127 KERN-SPEKTR. 425
STIEWE J 10-1577 MOLEKUELE 525
STIGERS CA 8- 224 QUANTENTHEO 165
STIHI M 8-1779 FLUESSIGK. 585
LS 8-1779 FLUESSIGK. 585
PJ 1-2160 MAGN.EIG.FK 690
6-2467 HALBLEITER 715
8-2710 GRENZFL.FK 745
11-2747 HALBLEITER 715
12-2810 HALBLEITER 715
WS 7-2973 SEHEN 966
H 8-1284 KERNSTRHLG. 440
9-1629 FLUESSIGK. 585
10-2830 ERDKOERPER 902
W 9-1442 PLASMA 570
12-1739 PLASMA 570
STILLINGER JR. F.H.
3-1865 MECH.EIG.FK 665
7- 418 THERMODYN. 245
9- 397 THERMODYN. 245
9-1695 FLUESSIGK. 585
12-1933 GASE 580
9-1931 MECH.EIG.FK 665
STILLWELL JR. E.P.
4- 91 UNTERRICHT 120
7- 740 KERN-MESSG. 405
STINCHCOMB RB 12-2544 MAGN.EIG.FK 690
M 6-1034 KERNREAKTIO 430
MM 7-1097 KERN-SPEKTR. 425
11-1028 KERN-SPEKTR. 425
12-1149 KERNSTRUKT. 420
P 9- 41 BUECHER 110
GM 9- 973 KERN-SPEKTR. 425
STIPPES M 8- 357 ELASTIZIT. 225
STIRAND O 5-1680 GASENTLADG. 578
STIRLING AV 7- 912 STARKE WW. 417
RJ 5-2696 DUENNE SCHI 740
SM 7-2108 THERMEIG.FK 675
10-1876 FLUESSIGK. 585
TH 6-1421 PLASMA 570
7-1616 PLASMA 572
10-1750 PLASMA 572
VW 6- 922 KERN-SPEKTR. 425
8-1195 KERNREAKTIO 430
8-1196 KERNREAKTIO 430
H 11- 995 KERNSTRUKT. 420
R 1-1065 KERN-SPEKTR. 425
1-1083 KERN-SPEKTR. 425
1-1257 KERNREAKTIO 430
4-1273 KERNREAKTIO 430
11-1322 KERNREAKTIO 430
11-1323 KERNREAKTIO 430
12-1380 KERNREAKTIO 430
DP 8- 63 UNTERRICHT 120
M 11-1579 MOLEKUELE 525
JA 8-1489 MOLEKUELE 525
JAD 4-1431 MOLEKUELE 525
HJ 11-2782 PHOTOLEITG. 725
W 12-1150 KERNSTRUKT. 420
M 1- 526 HF-TECHNIK 275
WM 6-1372 POLYMERE 535
RG 1-1115 KERN-SPEKTR. 425
AN 7-2929 KOSM.PHYSIK 945
JW 5-2747 GRENZFL.FK 745
ND 10-1735 PLASMA 572
CTH 4-2564 DUENNE SCHI 740
7-2582 DUENNE SCHI 740
JC 8- 296 STATISTIK 175
JW 10-2904 LUFTHUELLE 908
L 1- 855 STARKE WW. 417
TG 6-1886 KRIST.FEHL. 660
6-2536 FK-SPEKTREN 733
9-1840 KRIST.FEHL. 660
7-2711 GEOMAGNET. 904
HA 4-1873 FK-SPEKTREN 733
6-2083 GITTERDYN. 670
9-1395 POLYMERE 535
J 6-1578 GASENTLADG. 578
RW 12-1256 KERN-SPEKTR. 425
E 1- 469 ELEKTIZIT. 260
AV 12-1479 ATOME 520
A 3- 556 OPT.INSTRUM 285
AM 12-3109 OPT.EIG.FK 736
W 7-2711 GEOMAGNET. 904
EJ 7-1796 KRISTALLE 655
A 3- 631 PHYS.OPTIK 290
BP 2-1941 POLYMERE 535
4- 24 BIOGRAPHIEN 102
9-1709 FLUESSIGK. 585
J 2-2476 FK-SPEKTREN 733
N 6-1793 KRISTALLE 655
AD 3- 647 PHYS.OPTIK 290
ED 10-1577 MOLEKUELE 525
RA 6-2961 KOSM.PHYSIK 945
RH 3- 919 KERN-SPEKTR. 425

STOKES - STUART

SH	RH	4-1086	KERNSEKTR.	42535	STRAKHOV LP	5-1763	FLUESSIGK.	58530	STRINGFELLOW G.B.				
SH	VK	11-286	HYDRODYNAM.	23020		5-1965	FK-SPEKTREN	73355		11-1963	KRISTALLE	65510	
SH	B	3-238	STATISTIK	17560		5-1966	FK-SPEKTREN	73355		11-2355	MAGN.EIG.FK	69025	
SH	RS	2-2733	GEOMAGNET.	90470		5-2746	DUENNE SCHI	74065	STRITTMATTER P.A.				
		2-2767	IONOSPHERE	91020		11-2917	FK-SPEKTREN	73355		10-3032	STERNE	94000	
		2-2768	IONOSPHERE	91020		9-2704	GEOPHYSIK	90000		10-3054	STERNE	94040	
SH	MI	9-431	ELEKTIZIT.	26050		10-2850	ERDKOERPER	90280		11-3450	KOSM.PHYSIK	94550	
SH	D	12-2812	HALBLEITER	71570		11-455	MASER,LASER	28050	STRIZHAK VI	4-835	KERN-MESSG.	40580	
	C	3-2305	SUPRALEITG.	70520	STRAKHOVSKY GM	6-505	OPT.INSTRUM	28595		8-1188	KERNREAKTIO	43014	
	E	4-1786	FLUESSIGK.	58540	STRAKUN GI	1-616	OPT.INSTRUM	28520	STRIZHENOV DS	2-1184	ATOME	52060	
		4-2233	LEITFHGK.FK	70024		7-701	PHYS.OPTIK	29050	STRIZHEVSKII V.L.				
		6-1750	FLUESSIGK.	58573	STRAND RC	11-893	STARKE WW.	41767		2-626	PHYS.OPTIK	29080	
		6-2292	LEITFHGK.FK	70020	STRANDBERG MWP	1-1966	GITTERDYN.	70060		5-2345	LEITFHGK.FK	70028	
		6-2398	METAL.LEITG	71010	STRANGE JH	11-2958	FK-SPEKTREN	73370	STRIZHEVSKY VL	3-629	PHYS.OPTIK	29040	
	JP	7-1807	KRISTALLE	65540		11-2959	FK-SPEKTREN	73370		6-1299	MOLEKUELE	52540	
		2-449	HF-TECHNIK	27540		1-621	OPT.INSTRUM	28530	STRNAD WL	4-668	OPT.INSTRUM	28530	
		2-2122	MAGN.EIG.FK	69045		7-1046	KERNSEKTR.	42515	STRNAT K	3-556	OPT.INSTRUM	28526	
	MP	4-2158	MAGN.EIG.FK	69010	STRANGWAY D	12-3413	PLANETEN	93640		11-2408	MAGN.EIG.FK	69040	
SH	PJ	5-614	OPT.INSTRUM	28530	STRASHEIM A	7-1305	ATOME	52024	STROBEL GL	9-888	KERNSTRUKT.	42010	
SH	AL	3-2504	FK-SPEKTREN	73325	STRASHININ EP	6-1476	PLASMA	57055	STROBEL DE GC	10-3047	STERNE	94020	
		3-2505	FK-SPEKTREN	73325	STRASHKEVICH A.M.				STROBRIDGE TR	3-72	LABORTECHN.	12530	
		4-2443	FK-SPEKTREN	73325		2-418	TEILCH.OPT.	27016	STROCCHI F	6-175	QU.FELDTHEO	17060	
		5-2554	FK-SPEKTREN	73325	STRASSACKER G	12-566	HF-TECHNIK	27540		6-664	ELEMENTART.	41540	
		6-1913	KRIST.FEHL.	66030	STRASSENBURG A.A.					9-205	QU.FELDTHEO	17050	
		10-1949	KRISTALLE	65545		5-40	UNTERRICHT	12010		3-1712	KRISTALLE	65588	
		11-2842	FK-SPEKTREN	73320	STRATAN G	8-1086	KERNSTRUKT.	42075	STROEMER K	11-845	STARKE WW.	41740	
SH	Y.M.	10-2511	PHOTOLEITG.	72500	STRATHDEE J	1-906	STARKE WW.	41753	STROETZEL M	11-1032	KERNSEKTR.	42540	
		11-1942	FLUESSIGK.	58565		1-921	STARKE WW.	41755		11-1213	KERNREAKTIO	43034	
	A	2-1032	KERNREAKTIO	43046		2-111	QUANTENTHEO	16556	STROGANOV VI	12-3211	DUENNE SCHI	74060	
SH	AA	7-1744	FLUESSIGK.	58555		2-866	STARKE WW.	41760		12-1076	STARKE WW.	41753	
	AK	7-508	HF-TECHNIK	27540	STRATIENKO VA	12-2315	KRIST.FEHL.	66065	STROGANOVA TN	4-2523	OPT.EIG.FK	73645	
	OG	12-2281	KRIST.FEHL.	66035	STRATTON R	6-2437	HALBLEITER	71540	STROMMANGER JM	2-328	WAERHE	24040	
	VA	5-2184	FK-SPEKTREN	73370		12-2790	HALBLEITER	71540	STROKAN NB	10-735	KERN-MESSG.	40520	
	VM	7-82	LABORTECHN.	12530	STRATY GC	5-2215	MAGN.EIG.FK	69000	STROKE GW	3-587	OPT.INSTRUM	28570	
SH	YE	11-2279	DIELEKTRIKA	68020		12-2434	THERMEIG.FK	67530		4-663	OPT.INSTRUM	28530	
	H	2-2230	LEITFHGK.FK	70056	STRAUB J	6-2135	THERMEIG.FK	67556		7-661	OPT.INSTRUM	28570	
		8-2228	LEITFHGK.FK	70010		9-2324	HALBLEITER	71570		8-676	OPT.INSTRUM	28570	
	W	11-582	KERN-MESSG.	40518	STRAUBEL R	7-671	PHYS.OPTIK	29010		10-49	TAGUNGEN	10535	
		12-831	KERN-MESSG.	40550	STRAUBEL R	9-1952	GITTERDYN.	70710		10-670	OPT.INSTRUM	28570	
	AJ	9-2374	FK-SPEKTREN	73310	STRAUCH D	9-1952	GITTERDYN.	70710	HH	10-551	PHYS.OPTIK	29010	
	DR	4-2224	LEITFHGK.FK	70024	STRAUMANIS ME	12-2432	THERMEIG.FK	67530	HM	10-2951	ASTROPHYSIK	93020	
	J	6-1685	FLUESSIGK.	58543	STRAUMANN N	2-96	QUANTENTHEO	16526	KM	8-2925	STERNE	94020	
	JA	8-1177	KERNSEKTR.	42575		12-1112	STARKE WW.	41764	SE	8-2925	STERNE	94020	
	ME	5-2939	KOSM.PHYSIK	94520	STRAUSS AJ	1-2613	DUENNE SCHI	74040		10-3035	STERNE	94020	
		11-3395	STERNE	94020	STRAUSS BP	3-2311	SUPRALEITG.	70540		10-3042	STERNE	94020	
	ML	12-361	FELDTHEORIE	18048		11-2627	SUPRALEITG.	70540	STROM OLSEN JO	8-2227	METAL.LEITG	71010	
	NJ	1-1040	KERNSEKTR.	42525	FM	8-2861	Sonnenphysik	93326	STROMBERG HD	9-1942	MECH.EIG.FK	66514	
		3-1643	KRISTALLE	65545	HL	2-1237	MOLEKUELE	52516	STROME JR. FC	7-2386	PHOTOLEITG.	72510	
		3-2041	FK-SPEKTREN	73370	M	10-293	FELDTHEORIE	18000	STRONG AA	8-1824	DISP.SYST.	59510	
		5-1075	KERNSEKTR.	42560		12-1	ALLGEMEINES	10000		9-1735	DISP.SYST.	59540	
		11-1997	KRISTALLE	65545	MG	1-734	KERN-MESSG.	40540	AB	10-396	HYDRODYNAM.	23070	
	NWB	9-573	OPT.INSTRUM	28545		7-763	KERN-MESSG.	40520	HM	3-1617	KRISTALLE	65512	
	PH	9-2881	PLANETEN	93614	R	8-955	STARKE WW.	41725	IB	1-2777	MAGNETOSPH.	91280	
		12-460	HYDRODYNAM.	23095		8-1038	STARKE WW.	41767		7-2815	MAGNETOSPH.	91270	
	PM	1-1414	PLASMA	57010	S	12-2683	LEITFHGK.FK	70074		7-2821	MAGNETOSPH.	91280	
		10-1640	PLASMA	57010	OP	9-1369	MOLEKUELE	52575		7-2822	MAGNETOSPH.	91280	
SH	AM	4-306	STATISTIK	17560	STRAUSZ RW	5-2786	GRENZFL.FK	74573	J	8-652	OPT.INSTRUM	28553	
		8-2077	GITTERDYN.	67040	STREATER RF	4-2151	MAGN.EIG.FK	69025	JA	3-860	STARKE WW.	41767	
		12-2944	FK-SPEKTREN	73345		7-212	QU.FELDTHEO	17060		6-767	STARKE WW.	41725	
SH	ER JR. J	12-3424	PLANETEN	93650		8-281	QU.FELDTHEO	17060	JD	6-1382	POLYMERE	53540	
SH	S	4-2397	PHOTOLEITG.	72510		9-121	QUANTENTHEO	16516	KA	5-1447	MOLEKUELE	52538	
SH	BERRY RW	6-1142	KERNSTRHLG.	44010	STRECKER JL	10-182	QUANTENTHEO	16530	STRONGIN M	1-2277	SUPRALEITG.	70530	
SH	ACHINSKII V.B.				STREDA P	12-2231	KRIST.FEHL.	66015		9-2225	SUPRALEITG.	70530	
		2-2557	HALBLEITER	71540	STREET GB	6-1779	KRISTALLE	65510	STROOT JP	10-519	TEILCH.OPT.	27068	
		3-2303	FK-SPEKTREN	73325		9-349	AUKSTIK	23530	STROUD PT	2-2689	GRENZFL.FK	74576	
	W	4-1374	ATOME	52045	P	11-2373	MAGN.EIG.FK	69030	STROUSE WM	1-575	MASER,LASER	28055	
		9-1201	ATOME	52045	RL	3-301	HYDRODYNAM.	23020	STROZYK JW	4-620	MASER,LASER	28045	
SH	DW	9-81	VAKUUM	13013	STREET JR. K	8-1442	MOLEKUELE	52543	STRUB R	11-851	STARKE WW.	41745	
SH	F	5-496	TEILCH.OPT.	27030		10-1311	KERNREAKTIO	43085	STRUBECKER K	4-64	BUECHER	11010	
SH	BE	11-549	PHYS.OPTIK	29045	STREETE JL	9-2018	THERMEIG.FK	67530	STRUBLE GL	1-1108	KERNSEKTR.	42560	
SH	IZHKO VE	1-1181	KERNREAKTIO	43020	STREETER MH	5-81	LABORTECHN.	12530		4-1040	KERNSTRUKT.	42020	
		3-1047	KERNREAKTIO	43054	STREETMAN BG	5-2476	HALBLEITER	71540	STRUEBIN H	10-1085	KERNSEKTR.	42545	
		6-1064	KERNREAKTIO	43054		7-2390	PHOTOLEITG.	72510	STRUGACH BA	10-659	OPT.INSTRUM	28563	
		10-1281	KERNREAKTIO	43064	STREETT WB	3-1519	GASE	58020		9-1166	ATOME	52010	
		12-1198	KERNSEKTR.	42540		6-1633	FLUESSIGK.	58520	STRUGALSKII ZS	11-1408	ATOME	52010	
SH	DH	3-809	STARKE WW.	41730	STREHL P	11-1213	KERNREAKTIO	43034		12-837	KERN-MESSG.	40555	
SH	AR	12-2196	KRISTALLE	65584	STREIB WE	10-693	PHYS.OPTIK	29038	STRUGALSKY ZS	5-976	STARKE WW.	41764	
	DW	3-1087	KERNREAKTIO	43080	STREIFER W	1-692	PHYS.OPTIK	29050	STRUKOV BA	2-1862	MECH.EIG.FK	66553	
		9-1056	KERNREAKTIO	43064	STREITWOLF HW	3-2258	LEITFHGK.FK	70065		2-1980	DIELEKTRIKA	68030	
SH	E	4-183	QUANTENTHEO	16516		8-35	BUECHER	11010		5-2099	GITTERDYN.	70706	
SH	DOZHENKO SA	3-880	KERNSTRUKT.	42010	STRELCHENKO EG	6-2342	LEITFHGK.FK	70065		6-2061	MECH.EIG.FK	66553	
		8-1058	KERNSTRUKT.	42010	STRELENSKII VE	11-46	MESSEN	12220		9-2003	THERMEIG.FK	67510	
SH	JK	9-186	QU.FELDTHEO	17020	STRELKOV GS	8-2882	PLANETEN	93612	STRUM RC	11-2200	MECH.EIG.FK	66553	
SH	TS	3-366	THERMODYN.	24520		9-1548	PLASMA	57235	STRUMIA F	1-326	HYDRODYNAM.	23010	
		12-1583	MOLEKUELE	52510	STRELLER H	1-2298	HALBLEITER	71530		1-1716	GASE	58025	
		12-1677	MOLEKUELE	52575	STRELNIOK VP	10-624	OPT.INSTRUM	28516		2-1171	MASER,LASER	28060	
		12-1678	MOLEKUELE	52575	STRELTISOV IS	6-785	STARKE WW.	41735	STRUMINSKII VV	2-1525	GASE	58060	
	JB	5-646	OPT.INSTRUM	28570	LN	5-2636	OPT.EIG.FK	73605	STRUNCK HJ	4-382	HYDRODYNAM.	23000	
SH	LR	4-115	MESSEN	12215		9-2655	DUENNE SCHI	74060		9-1213	ATOME	52065	
SH	JP	8-2561	FK-SPEKTREN	73375	STRETTON JL	2-793	STARKE WW.	41725	STRUNIN BN	3-1809	KRIST.FEHL.	66035	
	MA	11-1851	GASE	58025		11-1872	FLUESSIGK.	58510	STRUNOV DM	4-821	KERN-MESSG.	40560	
SH	L	1-2341	HALBLEITER	71530	STREY G	3-1219	MOLEKUELE	52514	LD	7-917	STARKE WW.	41725	
		8-2428	HALBLEITER	71595	STREYDIO JM	6-2489	THERMOELEKT.	72010	STRUTHERS JP	2-1790	KRIST.FEHL.	66060	
	JW	9-2365	FK-SPEKTREN	73300		6-2497	PHOTOLEITG.	72510	STRUTT MJO	9-524	MASER,LASER	28055	
		12-2906	FK-SPEKTREN	73330	STREZH PE	7-711	PHYS.OPTIK	29060	STRUTZ HJ	6-1958	KRIST.FEHL.	66035	
SH	T	3-1021	KERNREAKTIO	43034	STRICKER W	9-1290	MOLEKUELE	52524		4-1100	KERNSEKTR.	42550	
		4-1088	KERNSEKTR.	42540	STRICKEL HR	1-1239	KERNREAKTIO	43062	STRYZCZNIKOWICZ K.	3-945	KERNSEKTR.	42555	
SH	JE	6-426	MASER,LASER	28055		1-1240	KERNREAKTIO	43062		5-1084	KERNSEKTR.	42565	
SH	MJ	10-2765	DUENNE SCHI	74020	STRIEDER W	2-286	HYDRODYNAM.	23060	STRYK RA	12-1394	KERNREAKTIO	43085	
SH	WR	1-2276	SUPRALEITG.	70530	STRIEFER B	7-1651	GASE	58020	STRYLAND JC	4-24	BIOGRAPHIE	10230	

STUART - SUMITA

STUART	M	6-2655	DUENNE SCHI	74040	SUCHKOV	AF	3- 515	MASER, LASER	28050	SUGITA	Y	7-1831	KRISTALLE	65
		8-2646	DUENNE SCHI	74040		AI	6-2430	HALBLEITER	71530			11-3106	DUENNE SCHI	74
	PR	12- 163	VAKUUM	13050		DA	9- 818	STARKE WW.	41725	SUGIURA	M	5-2863	MAGNETOSPH.	91
	RA	10-2479	HALBLEITER	71540	SUCHORZEWKA	J	11-1190	KERNREAKTIO	43016		Y	4-2592	DUENNE SCHI	74
	RN	1-2167	LEITFHGK.FK	70010	SUCIU	M	5-2730	DUENNE SCHI	74050	SUGIYAMA	A	4- 688	OPT. INSTRUM	28
		8-2237	LEITFHGK.FK	70022		P	8-2655	DUENNE SCHI	74040		H	5-2127	THERMEIG.FK	67
	RW	5- 81	LABORTECHN.	12530	SUCKEWE	S	3-1434	PLASMA	57210			9-2040	THERMEIG.FK	67
	SN	5-1496	MOLEKUELE	52550			3-1435	PLASMA	57020		K	2-2533	OPT.EIG.FK	73
	TW	9-1251	MOLEKUELE	52516			3-1462	PLASMA	57250		S	2-1134	KERNSTRHLG.	44
STUBBINS	WF	12- 822	KERN-MESSG.	40530			12-1856	PLASMA	57210			4-1319	KERNSTRHLG.	44
STUBBS	RD	5- 737	KERN-MESSG.	40522	SUCKSDORFF	C	6-2766	GEOMAGNET.	90450	SUGLOBOV	DN	7- 758	KERN-MESSG.	40
STUBER	FM	7- 89	LABORTECHN.	12580	SUCOV	EW	2-1453	PLASMA	57256		V	5-1419	MOLEKUELE	52
STUCHEBNIKOV	V.M.						7-1607	PLASMA	57256	SUGUROV		4-1074	KERNSTRUKT.	42
		10-2733	OPT.EIG.FK	73645	SUDA	K	9- 577	OPT. INSTRUM	28553			4-1279	KERNREAKTIO	43
STUCHINSKIY	GB	5-2789	GRENZFL.FK	74576		N	1- 559	MASER, LASER	28045			6- 877	KERNSTRUKT.	42
STUDEBAKER	JF	6-1396	POLYMERE	53546			11-1357	K-REAKTOREN	43520	SUH	KS	11-1769	PLASMA	57
STUDENKOV	AM	6-1548	PLASMA	57250	SUDAKOV	NI	1-2158	MAGN.EIG.FK	69070		KW	3- 366	THERMODYN.	24
STUDENOV	VB	1- 605	MASER, LASER	28060			9-2257	METAL. LEITG	71010	SUHL	H	4-2144	MAGN.EIG.FK	69
STUDIER	HH	9- 667	KERN-MESSG.	40542			10-2785	DUENNE SCHI	74040			8-2317	SUPRALEITG.	70
STUECKELBERG	DE	12-1908	GASENTLADG.	57880	SUDAN	RN	7-1576	PLASMA	57085			8-2363	METAL. LEITG	71
BREIDEN E.							12-1786	PLASMA	57070			11-2592	LEITFHGK.FK	70
		6- 312	THERMODYN.	24510		JP	2-1388	PLASMA	57085	SUHR	H	11-2656	METAL. LEITG	71
STUEER	H	2-1720	KRIST.FEHL.	66010			11-1760	PLASMA	57085			7-1622	GASENTLADG.	57
STUEHMER	G	8-2599	OPT.EIG.FK	73630	SUDAROVICH	J	2-1065	KERNREAKTIO	43064	SUICH	JE	9-1133	KERNSTRHLG.	44
STUEHR	J	12-2082	FLUESSIGK.	58510	SUDARSHAN	ECG	1- 666	PHYS. OPTIK	29020	SUIKOVSKAYA	NW	1-2634	DUENNE SCHI	74
STUETZER	OM	4-2078	DIELEKTRIKA	68050			1- 767	ELEMENTART.	41510	SUIRE	J	3- 402	ELEKTIZIT.	26
		5-2155	DIELEKTRIKA	68050			2- 148	QU.FELDTHEO	17010	SUITA	T	1-1324	KERNSTRHLG.	44
STUHL	F	1-1494	MOLEKUELE	52585			6- 795	STARKE WW.	41753			2-1442	PLASMA	57
		5-1478	MOLEKUELE	52580			7- 796	STARKE WW.	41753			2-1766	KRIST.FEHL.	66
		8- 621	OPT. INSTRUM	28516			7- 839	ELEMENTART.	41530			2-2049	FK-SPEKTREN	73
		8- 318	THERMODYN.	24554			7- 889	STARKE WW.	41700			3-1452	PLASMA	57
STUHLINGER	E	8-1674	PLASMA	57250			9- 104	MATH. PHYSIK	16020			5- 775	BESCHLEUNIG	41
STUHRMANN	HB	7-1484	MOLEKUELE	52595			9- 119	QUANTENTHEO	16516			11-1776	PLASMA	57
STU AM	RA	9-1277	FK-SPEKTREN	73310			10- 67	BUECHER	11020			12-1825	PLASMA	57
STUKE	J	1-2581	OPT.EIG.FK	73640	SUDBURY	AW	1-2845	KOSM. PHYSIK	94570	SUITO	E	12-3187	DUENNE SCHI	74
		4-2435	FK-SPEKTREN	73325	SUDDVTSOV	AI	2-1832	MECH.EIG.FK	66514	SUITOR	R	8- 934	STARKE WW.	41
		7-2244	LEITFHGK.FK	70072	SUEKANE	S	5-1152	KERNREAKTIO	43050	SUITS	JC	4-2545	DUENNE SCHI	74
		9-1962	GITTERDYN.	67020	SUELZLE	LR	4-1206	KERNREAKTIO	43034	SUJAK	B	11-3212	GRENZFL.FK	74
		9-2266	HALBLEITER	71520			6-1038	KERNREAKTIO	43032			12-3003	FK-SPEKTREN	73
STULL	DR	7- 421	THERMODYN.	24554			9-1012	KERNREAKTIO	43032			12-3263	GRENZFL.FK	74
STULOVA	OM	10-2692	OPT.EIG.FK	73605	SUEMATSU	H	8-2386	HALBLEITER	71530	SUKEVER	S	3-1378	PLASMA	57
STULPINAS	D	12- 194	QUANTENTHEO	16516		S	2- 675	BESCHLEUNIG	41030	SUKHAPAROV	VA	7- 77	LABORTECHN.	12
STUMP	R	10- 917	STARKE WW.	41735	SUENKEL	W	11-1321	KERNREAKTIO	43075	SUKHAREV	MG	9- 299	HYDRODYNAM.	23
STUMPF	H	8- 842	ELEMENTART.	41520	SUEOKA	O	9-2170	LEITFHGK.FK	70024	SUKHEEJA	BD	4- 94	UNTERRICHT	12
STUMPF	W	2- 649	KERN-MESSG.	40540			9-2171	LEITFHGK.FK	70024			8- 565	MASER, LASER	28
		4- 794	KERN-MESSG.	40520			12-2626	LEITFHGK.FK	70024	SUKHIA	BN	12- 889	BESCHLEUNIG	41
STUPEGIA	DC	9-2331	HALBLEITER	71580	SUEPTITZ	P	7-1877	KRIST.FEHL.	66025	SUKHODREV	NK	3-1458	PLASMA	57
STUPIAN	GW	5-1144	KERNREAKTIO	43048			11-2084	KRIST.FEHL.	66025			10- 661	OPT. INSTRUM	28
		6-2175	FK-SPEKTREN	73370	SUESMANN	G	7-1238	KERNREAKTIO	43090	SUKHORUKIN	VK	2-1104	K-REAKTOREN	43
		9-1697	FLUESSIGK.	58560	SUETIN	PE	11-1855	GASE	58025	SUKHORUKOV	AP	6- 416	MASER, LASER	28
STURGE	MD	4-2428	FK-SPEKTREN	73320	SUETTERLIN	L	9- 368	WAERME	24030			7- 527	MASER, LASER	28
STURGES	DJ	10-1930	KRISTALLE	65545	SUEVEGES	M	3- 251	FELDTHEORIE	18010	SUKHOTIN	EV	6-2819	IONOSPHERE	91
STURM	OP	5-1673	GASENTLADG.	57850	SUFFCZYNSKI	M	2-2372	HALBLEITER	71560		LN	3-1061	KERNREAKTIO	43
STURM	OP	3-1111	KERNSTRHLG.	44030	SUFFERT	M	10-2357	LEITFHGK.FK	70022			6-1071	KERNREAKTIO	43
STURM JR.	OP	7- 2521	OPT.EIG.FK	73605			8-1235	KERNREAKTIO	43075			10-1103	KERN-SPEKTR.	42
STURM	R	7- 789	KERN-MESSG.	40548			12-1200	KERN-SPEKTR.	42540	SUKHOV	GS	3-1374	PLASMA	57
STURMAN	YK	9-1753	KRISTALLE	65518	SUFFREDINI	JR	7- 103	VAKUUM	13020			4-1614	PLASMA	57
STURNER	HW	2- 246	GASE	58020	SUGAI	T	3-1624	KRISTALLE	65518	SUKHOVAROV	SA	11-3062	DUENNE SCHI	74
		5-1723	GASE	58050			11-1981	KRISTALLE	65518		VF	1-1910	MECH.EIG.FK	66
STURROCK	PA	5- 480	ELEKTRODYN.	26540	SUGAKOV	VI	5-2345	LEITFHGK.FK	70028			4-1919	KRIST.FEHL.	66
		5-2887	SONNENPHYS.	93300			6-2580	OPT.EIG.FK	73605			6- 242	ELASTIZIT.	22
		5-2888	SONNENPHYS.	93300			11-2597	FK-SPEKTREN	73325			7-2015	MECH.EIG.FK	66
STURSBORG	K	10- 499	ELEKTRODYN.	26540	SUGANO	R	1- 959	STARKE WW.	41764			10-2095	MECH.EIG.FK	66
STUTTER	E	11-1812	PLASMA	57295			10- 976	STARKE WW.	41760			11-268	ELASTIZIT.	22
STUTZ	P	5- 296	ELASTIZIT.	22520		S	1-2526	OPT.EIG.FK	73610			11-2064	KRISTALLE	65
		8-2046	MECH.EIG.FK	66540			9-2408	FK-SPEKTREN	73325			11-2187	MECH.EIG.FK	66
STYLES	GA	6-1709	FLUESSIGK.	58557		T	9-2627	DUENNE SCHI	74010	SUKHOVEI	KS	12-2215	KRISTALLE	65
STYROV	WM	9-2590	OPT.EIG.FK	73635	SUGANOMATA	S	2- 675	BESCHLEUNIG	41030			12-2425	THERMEIG.FK	67
STYUSHIN	NG	7- 9	BIOGRAPHIEN	10212	SUGAR	R	2- 142	QUANTENTHEO	16588	SUKHUSHINA	IS	2-1616	KRISTALLE	65
SU	CH	9-1514	PLASMA	57085		RL	12-1105	STARKE WW.	41764	SUKIENICKI	A	2-2099	MAGN.EIG.FK	69
	CS	2-1131	KERNSTRHLG.	44010			6- 136	QUANTENTHEO	16578			2-2587	DUENNE SCHI	74
	YS	4- 810	KERN-MESSG.	40538			10- 225	QUANTENTHEO	16582	SUKLE	DJ	10-2786	DUENNE SCHI	74
SUAREZ	A	3- 972	KERN-SPEKTR.	42565			12- 253	QUANTENTHEO	16582			6-2199	FK-SPEKTREN	73
	AA	6-1062	KERNREAKTIO	43048			12- 264	QUANTENTHEO	16588			11- 57	LABORTECHN.	12
	F	5- 652	OPT. INSTRUM	28586	SUGAWARA	A	7-1671	GASE	58060	SULADZE	KY	7-1599	PLASMA	57
SUBASHIEV	AV	8-2406	HALBLEITER	71560			11-1865	GASE	58060	SULEIMANOV	YM	4-2366	HALBLEITER	71
	VK	1-2431	PHOTOLEITG.	72510		K	9-1001	KERNREAKTIO	43012			11-3024	OPT.EIG.FK	73
		3-2433	HALBLEITER	71570		M	3-1476	GASENTLADG.	57840	SULIJA	K	12- 791	KERN-MESSG.	40
		4-2456	FK-SPEKTREN	73330			4- 879	ELEMENTART.	41546	SULKOWSKI	C	12-2696	SUPRALEITG.	70
		5-2346	LEITFHGK.FK	70028			6- 159	QU.FELDTHEO	17015	SULLIVAN	DJ	2-1053	KERNREAKTIO	43
		8-2573	OPT.EIG.FK	73605			6- 798	STARKE WW.	41753			9-1078	KERNREAKTIO	43
		11-2668	HALBLEITER	71510			6-1577	GASENTLADG.	57810			3-1165	ATOME	52
		12-2637	LEITFHGK.FK	70028			8- 838	ELEMENTART.	41510		EC	12-3044	FK-SPEKTREN	73
SUBBARAO	EC	10-1781	GASE	58020		T	5-2217	MAGN.EIG.FK	69000		JD	3-1138	ATOME	52
	K	7-1257	K-REAKTOREN	43515			5-2284	MAGN.EIG.FK	69060			8- 901	ELEMENTART.	41
		8-1277	KERNSTRHLG.	44010			5-2333	LEITFHGK.FK	70024			10- 225	QUANTENTHEO	16
SUBBARAYA	BH	3-2820	IONOSPHERE	91020			5-2395	SUPRALEITG.	70520		JV	4- 669	OPT. INSTRUM	28
SUBBOTIN	FM	11- 400	TEILCH.OPT.	27068			6-2375	SUPRALEITG.	70530		P	3-1970	THERMEIG.FK	67
	SI	8-1399	MOLEKUELE	52514			11-2502	MAGN.EIG.FK	69065		PD	1-1505	MOLEKUELE	52
		8-1440	MOLEKUELE	52540			12-2739	METAL. LEITG	71010		RE	10-1490	ATOME	52
	VG	8-1163	KERN-SPEKTR.	42565	SUGAYA	R	6-1477	PLASMA	57055		T	7- 564	MASER, LASER	28
	VI	1- 364	HYDRODYNAM.	23040	SUGDEN	TM	7- 422	THERMODYN.	24554			10- 593	MASER, LASER	28
		3- 362	WAERME	24060			9- 346	AKUSTIK	23520	SULLIVAN III	W.T.	12-3386	SONNENPHYS.	93
		7- 91	LABORTECHN.	12580	SUGENO	T	3-1963	GITTERDYN.	67070	SULPICE	B	11-2145	KRIST.FEHL.	66
		10- 451	THERMODYN.	24530	SUGETA	H	8-1513	POLYMERE	53530	SULZMANN	KGP	5-1454	MOLEKUELE	52
SUBERTOYA	S	11-1701	PLASMA	57045	SUGIHARA	K	1-2321	HALBLEITER	71520	SUMBAEV	OI	8- 773	KERN-MESSG.	40
		9-1510	PLASMA	57080			7- 465	TEILCH.OPT.	27030	SUMBAYEV	OI	4-2424	FK-SPEKTREN	73
		10-1709	PLASMA	57080			7-							

A	K	9-1124	K-REAKTOREN	43520	SURYANARAYANA S.V.	11-2042	KRISTALLE	65584	SUZUKI H	7-2472	FK-SPEKTREN	73355			
		9-1148	KERNSTRHLG.	44010							8- 929	STARKE WW.	41700		
		9-1150	KERNSTRHLG.	44010							11-1618	POLYMER	53535		
	M	2-1754	KRIST.FEHL.	66025			5-2714	DUENNE SCHI		74020		12- 262	QUANTENTHEO	16585	
		3-1745	KRIST.FEHL.	66015							I	8-2539	FK-SPEKTREN	73355	
		3-2069	FK-SPEKTREN	73355			10-2597	FK-SPEKTREN		73330		12-1598	MOLEKUELE	52514	
		3-2070	FK-SPEKTREN	73355			SUS AN	4- 512		ELEKTRIZIT.	26012	K	1-2215	LEITFHGK.FK	70056
		6-1882	KRIST.FEHL.	66015			SUSAKI W	4- 625		MASER,LASER	28050		3-1390	PLASMA	57055
		6-2433	HALBLEITER	71530			SUSBIELLES GG	9-1703		FLUESSIGK.	58565		8-1072	KERNSTRUKT.	42020
		9-1838	KRIST.FEHL.	66015			SUSHCHINSKII M.M.	2-1261		MOLEKUELE	52538		9-2498	FK-SPEKTREN	73355
ERFIELD GC		3-1278	MOLEKUELE	52590		2-1269	MOLEKUELE	52540		10-1268	KERNREAKTIO	43054			
		11-1610	MOLEKUELE	52590		5- 592	MASER,LASER	28060		11- 545	PHYS.OPTIK	29045			
		11-1647	POLYMER	53550		5- 597	MASER,LASER	28060		12-2910	FK-SPEKTREN	73330			
	ERGRAD RN		3-2599	DUENNE SCHI	74010		11-2899	FK-SPEKTREN	73340	M	1- 231	STATISTIK	17526		
	ERS CJ		1-2388	HALBLEITER	71563		5-1833	FLUESSIGK.	58573		4-2148	MAGN.EIG.FK	69020		
		3-2226	LEITFHGK.FK	70053		5-2612	FK-SPEKTREN	73340		5- 651	OPT.INSTRUM	28570			
		10-2701	OPT.EIG.FK	73610		11-1553	MOLEKUELE	52540		6- 824	STARKE WW.	41767			
	ERS GILL R.G.		9- 973	KERNPEKTR.	42560		11-2884	FK-SPEKTREN	73330		6-2696	GRENZFL.FK	74520		
		9-1210	ATOME	52050		2- 191	STATISTIK	17563		7- 626	OPT.INSTRUM	28530			
		12- 389	ELASTIZIT.	22510	SUSHKO VN	12-2806	HALBLEITER	71566		8-2179	MAGN.EIG.FK	69025			
ER	G	4-2840	PLANETEN	93630	SUSHKOV VP	8-1541	POLYMER	53546		9- 404	THERMODYN.	24530			
	CN	5- 971	STARKE WW.	41764	SUSI H	2-2066	MAGN.EIG.FK	69010		9- 765	ELEMENTART.	41570			
	CR	8- 973	STARKE WW.	41735	SUSINI A	12- 902	BESCHLEUNIG	41040		9-2776	LUFTHUELLE	90860			
		3- 150	QUANTENTHEO	16553	SUSKI W	3-2754	KOSM.STRIG.	90633		10-2268	MAGN.EIG.FK	69025			
	JMS	11-3384	PLANETEN	93640	SUSLOV AA	3-2865	SonnenPHYS.	93340		12- 737	PHYS.OPTIK	29045			
	KH	2-1453	PLASMA	57256		8-2978	KOSM.PHYSIK	94530		12-3331	LUFTHUELLE	90860			
		6-2908	PLANETEN	93640		11-1018	KERNPEKTR.	42515	MN	11-1127	KERNPEKTR.	42565			
	A	7-2418	FK-SPEKTREN	73325	SUSHMAN S	6-1894	KRIST.FEHL.	66025	S	2-2601	DUENNE SCHI	74020			
	KAWA S	2-1687	KRISTALLE	65576	SUSSE C	4-1995	MECH.EIG.FK	66553		3-2022	DIELEKTRIKA	68030			
		12-1446	KERNSTRHLG.	44010		5- 74	LABORTECHN.	12515	SI	8- 605	MASER,LASER	28055			
ARAM A	S	12-1961	FLUESSIGK.	58525	SUSSKIND L	2- 74	QUANTENTHEO	16516	I	9-1928	MECH.EIG.FK	66516			
		3- 853	STARKE WW.	41764		8- 192	QUANTENTHEO	16520		1-2334	HALBLEITER	71520			
		2-1271	MOLEKUELE	52516		8- 918	STARKE WW.	41700		2-2499	FK-SPEKTREN	73340			
		8-1438	MOLEKUELE	52540		8- 919	STARKE WW.	41700		2-2761	LUFTHUELLE	90890			
	MARESAN MK	5- 210	STATISTIK	17523		8- 920	STARKE WW.	41700		3-2355	METAL.LEITG	71010			
		12-1049	STARKE WW.	41740	SUSSLOV AK	10-2901	LUFTHUELLE	90860		6- 515	PHYS.OPTIK	29035			
	BERG O	2- 959	KERNPEKTR.	42545	SUSSMAN A	2-2605	DUENNE SCHI	74040		7- 662	OPT.INSTRUM	28570			
		11-1266	KERNREAKTIO	43054		2-2606	DUENNE SCHI	74040		8- 929	STARKE WW.	41700			
	EELIN RM	9- 437	ELEKTRIZIT.	26060	SUSSMANN JA	3-2218	LEITFHGK.FK	70020		8- 972	STARKE WW.	41730			
		9- 647	KERN-MESSG.	40518		7-2370	HALBLEITER	71585		9-1972	GITTERDYN.	70600			
ER PLASSMANN F.A.		12- 923	ELEMENTART.	41543		10-2676	FK-SPEKTREN	73380		9-2698	GRENZFL.FK	74570			
		12- 924	ELEMENTART.	41543		12-2468	DIELEKTRIKA	68020		10-2005	KRISTALLE	65584			
		5- 708	PHYS.OPTIK	29076	SUSZYNSKA M	6-2030	MECH.EIG.FK	66518		10-2119	MECH.EIG.FK	66533			
	ERLAND J	6- 689	ELEMENTART.	41546		7-1958	KRIST.FEHL.	66070		11-3116	DUENNE SCHI	74050			
		8- 866	ELEMENTART.	41546	SUTCLIFFE BT	1-1507	MOLEKUELE	52547		12-1316	KERNREAKTIO	43014			
		9- 640	KERN-MESSG.	40505	LO H	10- 64	BUECHER	11020	Y	12-3205	DUENNE SCHI	74050			
	ERRAJAN R	2-2836	SonnenPHYS.	93340	SUTER H	5- 376	WAERME	24000		6-2836	IONOSPHAERE	91060			
	QUIST M	7-2470	FK-SPEKTREN	73355		7- 417	THERMODYN.	24530	SVAAASAND LO	4-2027	GITTERDYN.	70600			
	STROEM LJ	1-1982	THERM.EIG.FK	67510	T	1-1102	KERNPEKTR.	42555	SVAHN B	1-1117	KERNPEKTR.	42560			
	CC	3-1556	FLUESSIGK.	58527		8-1142	KERNPEKTR.	42555		7-1134	KERNPEKTR.	42570			
ER	P	5-2386	SUPRALEITG.	70510	SUTHERLAND B	3-1626	KRISTALLE	65530		9- 987	KERNPEKTR.	42570			
		8-2310	SUPRALEITG.	70510		7- 239	STATISTIK	17560	SVANBERG S	12-1209	KERNPEKTR.	42545			
		11-2941	FK-SPEKTREN	73370		9-2058	DIELEKTRIKA	68030	SVECHKAREV IV	8-2221	MAGN.EIG.FK	69065			
		11-2979	FK-SPEKTREN	73370	DG	11-2282	DIELEKTRIKA	68030	SVECHKARYOV IV	8-2247	LEITFHGK.FK	70024			
	P	7-1733	FLUESSIGK.	58546	JC	6-1837	TEILCH.OPT.	27054	SV	9-2150	MAGN.EIG.FK	69060			
		3- 686	KERN-MESSG.	40532	HH	6- 63	LABORTECHN.	12570	SV	4-2403	PHOTOLEITG.	72510			
		4-1113	KERNPEKTR.	42555	JC	9- 591	OPT.INSTRUM	28595	SVEDBERG A	11- 464	MASER,LASER	28055			
		4-1114	KERNPEKTR.	42555	LG	5- 764	KERN-MESSG.	40582	SVELTO O	5- 558	MASER,LASER	28045			
		6- 931	KERNPEKTR.	42545	SG	2- 711	ELEMENTART.	41546	V	7- 528	MASER,LASER	28040			
		6- 932	KERNPEKTR.	42545	K	1-2085	FK-SPEKTREN	73355	SVENNE JP	4- 788	KERN-MESSG.	40518			
IC M	P	9- 942	KERNPEKTR.	42545		10-2030	KRIST.FEHL.	66025		1-1051	KERNPEKTR.	42540			
		10-2387	LEITFHGK.FK	70056	SUTTER E	7-2385	PHOTOLEITG.	72510		4-1039	KERNSTRUKT.	42020			
		8-1628	PLASMA	57055		8- 720	PHYS.OPTIK	29045		11- 974	KERNSTRUKT.	42050			
		8-1658	PLASMA	57096		10-1271	KERNREAKTIO	43056		11- 992	KERNSTRUKT.	42070			
		11-1729	PLASMA	57055	R	4-1023	STARKE WW.	41783		11-1095	KERNPEKTR.	42555			
	CM	6- 553	KERN-MESSG.	40512		5-1149	KERNREAKTIO	43050	SVENSSON AG	4-1127	KERNPEKTR.	42560			
	SSOV EV	8-2426	HALBLEITER	71585	RJ	4- 817	KERN-MESSG.	40548	EC	1-1957	GITTERDYN.	70620			
	SSOVA SP	12-3100	OPT.EIG.FK	73605		4-1236	KERNREAKTIO	43052	NB	9-1971	GITTERDYN.	70600			
	MAEV RA	8-2961	KOSM.PHYSIK	94510		5-1148	KERNREAKTIO	43050		7-2873	PLANETEN	93630			
	M	10- 376	HYDRODYNAM.	23020		5-1157	KERNREAKTIO	43054	O	2-2530	OPT.EIG.FK	73605			
II M	P	7- 406	WAERME	24060	SUTTON A	1-1444	MOLEKUELE	52512		3- 505	MASER,LASER	28045			
		6- 592	KERN-MESSG.	40540		1-1454	MOLEKUELE	52514		8- 592	MASER,LASER	28045			
		11- 601	KERN-MESSG.	40535	AH	5-1779	FLUESSIGK.	58546	SVERDLIK DM	8-1808	FLUESSIGK.	58570			
		3-2685	GRENZFL.FK	74050	AM	3- 254	FELDTHEORIE	18020	SV	2-1242	MOLEKUELE	52516			
		12- 753	PHYS.OPTIK	29063	DC	4-1203	KERNREAKTIO	43028		4-1489	MOLEKUELE	52540			
		9-1782	KRISTALLE	65570		7-1166	KERNREAKTIO	43024		5-1418	MOLEKUELE	52536			
		6-1343	MOLEKUELE	52575	GW	12- 441	HYDRODYNAM.	23040		5-1424	MOLEKUELE	52540			
		5- 617	OPT.INSTRUM	28530	RB	11-1127	KERNPEKTR.	42565		7-1396	MOLEKUELE	52514			
		4-2198	MAGN.EIG.FK	69065	LB	3- 257	FELDTHEORIE	18020		7-1436	MOLEKUELE	52540			
		9-2115	MAGN.EIG.FK	69035		5- 469	ELEKTRODYN.	26500		8-1398	MOLEKUELE	52514			
IL DP	J	9- 890	KERNSTRUKT.	42010		5- 470	ELEKTRODYN.	26500		8-1431	MOLEKUELE	52536			
		7-1332	ATOME	52065		10- 486	ELEKTRODYN.	26500		8-1459	MOLEKUELE	52560			
		2-1396	PLASMA	57070		10- 487	ELEKTRODYN.	26500		9-1314	MOLEKUELE	52538			
	P	1- 911	STARKE WW.	41753		10- 488	ELEKTRODYN.	26500		9-1315	MOLEKUELE	52538			
		11- 872	STARKE WW.	41755		10- 489	ELEKTRODYN.	26500		10-1525	MOLEKUELE	52516			
		12- 918	ELEMENTART.	41540		10- 490	ELEKTRODYN.	26500		11-1552	MOLEKUELE	52540			
	CL	8-1568	PLASMA	57020	SUURA H	1- 786	ELEMENTART.	41540		11-1554	MOLEKUELE	52540			
	KK	3- 965	KERNPEKTR.	42560		3- 194	QU.FELDTHEO	17010	SV	12-1640	MOLEKUELE	52540			
	FJ	9- 384	WAERME	24050		4- 882	ELEMENTART.	41546	V	12-2301	KRIST.FEHL.	66076			
	VV	4-2133	FK-SPEKTREN	73360	SUURMEYER EPT	8- 144	VAKUUM	13016	SV	2- 5	BIOGRAPHIE	10212			
ANOV YA	RA	11-2930	FK-SPEKTREN	73360	SUUR	2-1119	K-REAKTOREN	43540	SV	3- 444	HF-TECHNIK	27530			
		8- 740	PHYS.OPTIK	29066	AV	12- 497		57556	SV	12-2459	THERM.EIG.FK	67595			
		3-2318	SUPRALEITG.	70540	EV	10-1695	PLASMA	57055	SV	9- 721	FLUESSIGK.	58573			
		5-2366	LEITFHGK.FK	70053	VS	3-2017	DIELEKTRIKA	68030	SV	10- 719	PHYS.OPTIK	29066			
		8-2281	LEITFHGK.FK	70053		3-2538	FK-SPEKTREN	73380	SV	9-1937	MECH.EIG.FK	66545			
		11-2694	HALBLEITER	71530		6-2559	FK-SPEKTREN	73380	SVIATOSLAVSKY I.N.	8- 790	KERN-MESSG.	40555			
		11-2695	HALBLEITER	71530		6-2562	FK-SPEKTREN	73380	SVICH VA	7- 572	MASER,LASER	28055			
		10-1822	FLUESSIGK.	58527		7-2541	OPT.EIG.FK	73610	SV	12- 808	KERN-MESSG.	40525			
	CM	3- 881	KERNSTRUKT.	42010		8-2566	FK-SPEKTREN	73380	SV	2-2264	SUPRALEITG.	70510			
	EL	10- 193	QUANTENTHEO	16530	SUWA S	2- 673	BESCHLEUNIG	41020	SV	2-2265	SUPRALEITG.	70510			
OVA LV	YA	3-2880	PLANETEN	93640		9- 708	BESCHLEUNIG	41020	SV	12-687	LEITFHGK.FK	70020			
		10-3020	PLANETEN	93640	SUZDALEV IP	6-2717	GRENZFL.FK	74535	SV	8- 589	MASER,LASER	28045			
		4- 891	ELEMENTART.	41546		7-2403	FK-SPEKTREN	73310	SV	12- 496	THERMODYN.	24530			

SVISCHEV - TAFT

SVISCHEV VS	11-1790	PLASMA	57235	SWIFT CD	11-3436	KOSM.PHYSIK	94540	SZE SM	2-2607	DUENNE SCHI	740
SVISHCHEV GM	10- 626	OPT.INSTRUM	28523	DA	9-1578	GASENTLADG.	57810	WC	12- 510	ELEKTRIZIT.	260
SVISTOV PF	3-2816	LUFTHUELLE	90890	DW	2-2734	GEOMAGNET.	90470	V	9- 250	MECHANIK	220
SVISTOVA EA	6-2424	HALBLEITER	71520		4-2687	GEOMAGNET.	90450		11- 245	MECHANIK	220
	8-2300	LEITFHKG.FK	70065		11-3345	MAGNETOSPH.	91250	P	9-1934	MECH.EIG.FK	6651
SVISTUNOV YM	4-2290	SUPRALEITG.	70520	HF	12- 770	KERN-MESSG.	40505		11-2670	HALBLEITER	715
SVISTUNOVA KI	2- 483	MASER,LASER	28050	J	8- 300	STATISTIK	17540	A	10-1356	K-REAKTOREN	435
	3-2418	HALBLEITER	71563	8-1709	GASE	58025		JR	10-2743	DUENNE SCHI	740
	5-2495	HALBLEITER	71563	RD	11-1420	ATOME	52027	GP	5-1205	K-REAKTOREN	435
SVITASHEV KK	5-2459	HALBLEITER	71520	JC	11-2615	SUPRALEITG.	70540	C	6-2475	HALBLEITER	715
SVOB L	6-1891	KRIST.FEHL.	66025	TL	9-2983	KOSM.PHYSIK	94550	P	4-2900	KOSM.PHYSIK	945
SVOBODA K	5-1162	KERNREAKTIO	43064	RE	4- 710	PHYS.OPTIK	29015		8- 156	MATH.PHYSIK	160
R	3- 669	KERN-MESSG.	40518	JP	5-2892	SONNENPHYS.	93314	K	6-1408	PLASMA	570
SVOLOPOULOS SN	9-2940	STERNE	94050		8-2844	SONNENPHYS.	93314	I	11-2769	HALBLEITER	715
SWAGEL MW	1-1345	ATOME	52030	SWINIARSKI DE R.				P	1-1739	FLUESSIGK.	585
	12-1507	ATOME	52035		7-1185	KERNREAKTIO	43050		12-1952	FLUESSIGK.	585
SWALIN RA	6-2482	HALBLEITER	71585		8-1213	KERNREAKTIO	43054		12-1954	FLUESSIGK.	585
	11-1919	FLUESSIGK.	58546		10-1249	KERNREAKTIO	43050	M	4- 967	STARKE WW.	417
	11-2069	KRIST.FEHL.	66010		10-1263	KERNREAKTIO	43054		10- 995	STARKE WW.	417
SWAMI MS	1- 972	STARKE WW.	41790		10-1264	KERNREAKTIO	43054		11- 905	STARKE WW.	417
	4-1032	STARKE WW.	41790	SWINNEY HL	11-1948	FLUESSIGK.	58573	E	3- 948	KERN-SPEKTR.	425
SWAMY KSK	6-2943	KOSM.PHYSIK	94520	SWITKES E	5- 172	QUANTENTHEO	16533		7-1108	KERN-SPEKTR.	425
	9-2846	SONNENPHYS.	93322	SWYT DA	10-1846	FLUESSIGK.	58543	B	3-1758	KRIST.FEHL.	660
	10-2355	KRISTALLE	65545	DS	5-1777	FLUESSIGK.	58543		5-2385	KRISTALLE	655
SWAN DW	7-1498	POLYMERE	53544	SY A	11-1433	ATOME	52045		7-2506	FK-SPEKTREN	733
	7-1499	POLYMERE	53544	SYAHALAMBA K	6- 513	PHYS.OPTIK	29033	J	4-1366	ATOME	520
JB	3-1627	KRISTALLE	65545	SYBERT JR	3-2374	HALBLEITER	71520		9-1200	ATOME	520
	3-2229	LEITFHKG.FK	70056		6-2338	LEITFHKG.FK	70065	L	10-1624	POLYMERE	535
	7-1943	KRIST.FEHL.	66062		8-2298	LEITFHKG.FK	70065	SM	11-3154	GRENZFL.FK	745
P	1- 988	KERNSTRUKT.	42040		10-2361	LEITFHKG.FK	70024	A	3-1539	FLUESSIGK.	585
SWANENBURG TJB	3-2050	FK-SPEKTREN	73370		11-2787	PHOTOLEITG.	72510		5- 745	KERN-MESSG.	405
	5-2179	FK-SPEKTREN	73370	SYCHEV AA	7- 543	MASER,LASER	28045	F	7- 786	KERN-MESSG.	405
	10-2654	FK-SPEKTREN	73370		9- 512	MASER,LASER	28045	F	7-1231	KERNREAKTIO	430
	12-3035	FK-SPEKTREN	73370	BS	9-3031	STRAHL.BIOL	97020		10-1307	KERNREAKTIO	430
SWANK LJ	6- 660	ELEMENTART.	41530	VV	5- 442	THERMODYN.	24536	R	8-2205	MAGN.EIG.FK	690
	6- 661	ELEMENTART.	41530	VA	11- 451	MASER,LASER	28050	N	5- 227	QU.FELDTHEO	170
SWANN CP	10-1069	KERN-SPEKTR.	42540	SYDOR M	6-2494	PHOTOLEITG.	72510		12- 296	QU.FELDTHEO	170
RCG	1-2595	DUENNE SCHI	74010	SG	3- 360	WAERME	24060	A	2-1245	MOLEKULE	525
SWANSON DG	5-1581	PLASMA	57085	DH	10-1089	KERN-SPEKTR.	42545	R	7-2627	GRENZFL.FK	745
HE	8-1904	KRISTALLE	65584	MF	3-1299	POLYMERE	53530	RJ	2-2656	GRENZFL.FK	745
JG	5-2712	DUENNE SCHI	74020		8-2176	MAGN.EIG.FK	69025	Z	1- 10	BIOGRAPHIEN	102
	8-2642	DUENNE SCHI	74020	WG	1-2748	LUFTHUELLE	90880		12- 95	MESSEN	122
	11-3093	DUENNE SCHI	74040	SYKUTOWSKI S	7-1231	KERNREAKTIO	43080		12- 538	ELEKTRODYN.	265
LW	4-2226	LEITFHKG.FK	70024		10-1307	KERNREAKTIO	43080		12-3427	PLANETEN	934
	5-2786	GRENZFL.FK	74573	SYMANOWSKI C	10-2559	FK-SPEKTREN	73325	L	6-1925	KRIST.FEHL.	660
	6-2732	GRENZFL.FK	74573	SYMANZIK K	4- 266	QU.FELDTHEO	17015	J	2-1180	ATOME	520
	12-3260	GRENZFL.FK	74563	SYME RWG	6-2520	FK-SPEKTREN	73325	M	2- 369	THERMODYN.	245
ML	3-1727	KRIST.FEHL.	66010	SYMES J	1-2339	HALBLEITER	71530	H	5-2263	MAGN.EIG.FK	690
	3-1835	KRIST.FEHL.	66065	SYMKO OG	3-2176	MAGN.EIG.FK	69075		12- 87	UNTERRICHT	120
	8-1988	KRIST.FEHL.	66065	SYMON KR	10- 766	BESCHLEUNIG	41040	W	7-2209	LEITFHKG.FK	700
N	11-2830	FK-SPEKTREN	73315	SYMONS PJ	12- 785	KERN-MESSG.	40518	A	8-1535	POLYMERE	535
PA	5-2295	MAGN.EIG.FK	69070	GD	8-1164	KERN-SPEKTR.	42565		11-1631	POLYMERE	535
PN	9- 485	MASER,LASER	28020	MCR	2-1564	FLUESSIGK.	58543	HA	6-1290	MOLEKULE	525
WP	3- 764	ELEMENTART.	41574	V	1-1961	GITTERDYN.	67020	Z	1- 987	KERNSTRUKT.	420
	3- 863	STARKE WW.	41767		7-2050	GITTERDYN.	67040		1- 989	KERNSTRUKT.	420
	11- 845	STARKE WW.	41740	SYNECEK M	1-1342	ATOME	52010		2- 891	STARKE WW.	417
	12-1028	STARKE WW.	41730		6-1162	ATOME	52010		7-1237	KERNREAKTIO	430
	12-1123	STARKE WW.	41773	SYNGE JL	4- 320	FELDTHEORIE	18040		11- 691	ELEMENTART.	415
SWARM HM	3- 644	PHYS.OPTIK	29066		12- 38	BIOGRAPHIEN	10230		11- 998	KERNSTRUKT.	420
SWART DE JJ	6- 808	STARKE WW.	41760	SYNN EH	7- 905	STARKE WW.	41725	H	12-2144	KRISTALLE	655
SWARTZ GA	1-2207	LEITFHKG.FK	70056	SYNOROV VF	1-2412	HALBLEITER	71580	M	3- 995	KERN-SPEKTR.	425
	1-2209	LEITFHKG.FK	70056		4-2554	DUENNE SCHI	74010		11-2396	MAGN.EIG.FK	690
J	12- 963	ELEMENTART.	41574	SYONO Y	4-1994	MECH.EIG.FK	66553	Z	2-2156	MAGN.EIG.FK	690
KD	2-1821	MECH.EIG.FK	66514		6-2043	MECH.EIG.FK	66540	A	2-1655	FK-SPEKTREN	733
M	4-2823	SONNENPHYS.	93316	SYPCHENKO LV	8- 593	MASER,LASER	28045				
	5-1668	PLASMA	57276		12- 608	MASER,LASER	28045				
	8-1317	ATOME	52024	SYRKIN LN	2-1870	MECH.EIG.FK	66556				
	12-1497	ATOME	52022	YK	5-2325	LEITFHKG.FK	70026				
SWARTZENDRUBER L.J.				SYRNEV L	10-2526	PHOTOLEITG.	72510				
	8-1853	KRISTALLE	65545	SYRNIKOV PP	1-2496	FK-SPEKTREN	73330				
	12-2141	KRISTALLE	65545		7-2160	MAGN.EIG.FK	69045	TABACHENKO AN	10- 905	STARKE WW.	417
	12-2848	FK-SPEKTREN	73310		10-2001	KRISTALLE	65588	TABACHNIKOV AG	3- 370	THERMODYN.	245
	12-3043	FK-SPEKTREN	73370	SYROVA NI	11-3150	DUENNE SCHI	74065	TABACIK V	7- 615	OPT.INSTRUM	285
SWARTZTRAUBER P.N.				SYROVATSKII SI	3-2865	SONNENPHYS.	93340	TABACZYNSKI RJ	9- 303	HYDRODYNAM.	230
	1-1686	PLASMA	57260		3-2912	KOSM.PHYSIK	94530	D	12-1428	K-REAKTOREN	435
SWARUP P	4-2123	FK-SPEKTREN	73555	SL	7- 45	TAGUNGEN	10570		12-1429	K-REAKTOREN	435
SWATON G	7-2875	PLANETEN	93640	SYROVATSKY SI	8-2978	KOSM.PHYSIK	94530	F	1- 983	KERNSTRUKT.	420
SWEDLUND JB	1-2556	OPT.EIG.FK	73640		10-2970	SONNENPHYS.	93324	H	1-2822	STERNE	94
SWEEDLER A	9-2145	MAGN.EIG.FK	69060	SYSDIE PA	8-1847	KRISTALLE	65530	T	5-1229	KERNSTRHLG.	44
SWEET AL	5-2030	MECH.EIG.FK	66516	SYSOEV EA	6- 597	KERN-MESSG.	40555	GC	1- 622	OPT.INSTRUM	285
JR	7-1647	GASE	58010	LA	5-1859	KRISTALLE	65518	LI	6- 597	KERN-MESSG.	405
	7-1648	GASE	58010		9-2261	HALBLEITER	71505	RH	11-1230	KERNREAKTIO	430
PA	7-2844	SONNENPHYS.	93324	SYSOEVA LM	10-2374	LEITFHKG.FK	70028	WJ	8- 685	OPT.INSTRUM	285
SWEETMAN DR	2-1463	PLASMA	57266		11-3005	OPT.EIG.FK	73605	VF	4-2036	GITTERDYN.	670
SWEIG MJ	9- 154	QUANTENTHEO	16575		12-2430	THERMEIG.FK	67520	D	9-1819	KRISTALLE	655
	12- 235	QUANTENTHEO	16575	SYTCHEV VV	8-2344	SUPRALEITG.	70550	M	10-2393	LEITFHKG.FK	700
SWENBERG CE	8-1947	KRIST.FEHL.	66030	SYTENKO TN	7-2323	HALBLEITER	71520		10-2394	LEITFHKG.FK	700
SWENDSEN RH	4- 482	THERMODYN.	24510	YU	12- 848	KERN-MESSG.	40570		10-2486	HALBLEITER	715
SWENHOLT BK	6-3011	SEHEN	96620	SYUNYAEV RA	2-2876	KOSM.PHYSIK	94520	N	2-1055	KERNREAKTIO	430
SWENHOLT JPY	8- 733	PHYS.OPTIK	29060	SYUTKINA VI	3-1878	MECH.EIG.FK	66545		3- 962	KERN-SPEKTR.	425
SWENSON CA	6-2119	THERMEIG.FK	67530	SZABO A	1-2078	FK-SPEKTREN	73355	L	7-1740	FLUESSIGK.	585
LW	4-1251	KERNREAKTIO	43056		5- 560	MASER,LASER	28045	JP	6-1196	ATOME	520
	11-1245	KERNREAKTIO	43052	I	4- 74	BUECHER	11030		9- 530	MASER,LASER	280
	8-1715	GASE	58050		12- 82	BUECHER	11030	A	5- 653	OPT.INSTRUM	285
	11- 210	STATISTIK	17560	M	6-1750	FLUESSIGK.	58573	K	2-2284	SUPRALEITG.	705
SWENSSON JW	5-2890	SONNENPHYS.	93314	P	10-1998	KRISTALLE	65588		7-2281	SUPRALEITG.	705
	7-2840	SONNENPHYS.	93314		10-2310	MAGN.EIG.FK	69060	M	1-2151	MAGN.EIG.FK	690
	8-2842	SONNENPHYS.	93314		10-2311	MAGN.EIG.FK	69060		2-2083	MAGN.EIG.FK	690
	10-2963	SONNENPHYS.	93322		11-2448	MAGN.EIG.FK	69060		8-2516	FK-SPEKTREN	733
	6-1923	KRIST.FEHL.	66035	ZG	9- 411	THERMODYN.	24554		9-2245	METAL.LEITG	710
SWETLOV IL	3- 860	STARKE WW.	41767	A	8- 767	KERN-MESSG.	40530	DH	11-2556	LEITFHKG.FK	700
SWETHAN TP	10-1313	KERNREAKTIO	43085	SZAMOSI O	7- 248	STATISTIK	17563		4- 449	AKUSTIK	235
SWIATECKI WJ	7-2775	IONOSPHERE	91020	SZANIECKI J	12-2527	MAGN.EIG.FK	69020	KW	1-1747	FLUESSIGK.	585
SWIDER JR. W	8-2369	HALBLEITER	71505	SZAPIRO S	2- 360	THERMODYN.	24533		2-1540	FLUESSIGK.	585
SWIDERSKI J	5- 206	QU.FELDTHEO	17015	SZARGAN R	8-2456	FK-SPEKTREN	73315		2-2294	SUPRALEITG.	705
SWIECA JA	1- 172	QUANTENTHEO	16556	SZARKA S	9- 674	KERN-MESSG.	40570		3-2304	SUPRALEITG.	705
SWIECKI M	10- 885	STARKE WW.	41720	SZARRAS S	6-1799	KRIST.FEHL.	66040		5-2402	SUPRALEITG.	705
	8-1319	ATOME	52027	L	1-1336	ATOME	52010	O	1-2636	DUENNE SCHI	740
SWIERCZYNSKA L	1- 895	STARKE WW.	41753	SZASZ L	6-1158	MOLEKULE	52510	D	6- 69	VAKUUM	130
SWIFT AR	9- 853	STARKE WW.	41755		8-1297	ATOME	52010				

TAF - TAN

H	11-1505	MOLEKUELE	52514	TAKAMI	A	6- 245	HYDRODYNAM.	23016	TAKIBAEV	ZS	6- 861	STARKE WW.	41783	
HD	2- 827	STARKE WW.	41745		K	9- 577	OPT.INSTRUM	28553			6-2790	KOSM.STRLG.	90646	
NOV	IN	7- 620	OPT.INSTRUM	28530		M	2-1262	MOLEKUELE	52543		11- 909	STARKE WW.	41780	
		9- 565	OPT.INSTRUM	28530			6-1283	MOLEKUELE	52516		11-3246	KOSM.STRLG.	90610	
		12-1494	ATOME	52020			9-1323	MOLEKUELE	52543	TAKIMOTO	K	11-1333	KERNREAKTIO	43080
KI		8-1698	GASENTLADG.	57860	TAKAMURA	M	6-1395	POLYMERE	53544	TAKIZAWA	A	7-2632	GRENZFL.FK	74530
		9- 565	OPT.INSTRUM	28530		S	3-1880	MECH.EIG.FK	66545			7-2633	GRENZFL.FK	74530
		11- 485	MASER,LASER	28060	TAKANAKA	K	5-2430	SUPRALEITG.	70550	TAKO	T	1- 610	OPT.INSTRUM	28513
		12-1494	ATOME	52020	TAKANO	A	7- 336	HYDRODYNAM.	23040			1- 611	OPT.INSTRUM	28513
YA	K	2-2047	FK-SPEKTREN	73355		F	2- 455	MASER,LASER	28000			4-1377	ATOME	52045
		7-1168	KERNREAKTIO	43024		H	8-1253	K-REAKTOREN	43510	TAKSAMI	IA	2-2611	DUENNE SCHI	74040
		7-2489	FK-SPEKTREN	73355		K	7-2303	METAL.LEITG	71010			5-2540	PHOTOLEITG.	72510
ER	AS	3- 403	ELEKTROZIT.	26060			8-1920	KRISTALLE	65588			9-2338	HALBLEITER	71590
NEV	BO	2-2349	HALBLEITER	71540		N	6-2376	SUPRALEITG.	70530			10-2131	MECH.EIG.FK	66556
KROV	RI	10-2762	DUENNE SCHI	74010		S	1-2216	LEITFHGK.FK	70056	TAKSAR	IM	4-1351	ATOME	52010
LANO	P	11-2509	MAGN.EIG.FK	69065			10-2390	LEITFHGK.FK	70010	TAKUMA	H	10-1891	FLUESSIGK.	58573
LI AFERRI	G	2-1217	ATOME	52065		Y	6-1390	POLYMERE	53542	TAKUMI	K	12-1433	K-REAKTOREN	43520
UCHI	Y	12-1433	K-REAKTOREN	43520			8- 524	TEILCH.OPT.	27016	TAKUSAGAWA	M	4-2361	HALBLEITER	71566
		7- 837	ELEMENTART.	41510			8- 844	ELEMENTART.	41520			9- 518	MASER,LASER	28050
		11- 730	ELEMENTART.	41560	TAKAO	I	8-2372	HALBLEITER	71510	TAKWALE	RG	2- 750	ELEMENTART.	41576
	MO	1- 200	QU.FELDTHEO	17010	TAKARADA	K	6-2975	KOSM.PHYSIK	94560	TALALAEVA	EY	11-2494	MAGN.EIG.FK	69060
		6- 156	QU.FELDTHEO	17010	TAKASE	B	11-3424	KOSM.PHYSIK	94510	TALANOV	BI	5- 563	MASER,LASER	28045
		12-1098	STARKE WW.	41762	TAKATA	S	7- 390	WAERME	24030		VI	3- 458	HF-TECHNIK	27530
ERI	SH	3- 454	HF-TECHNIK	27530	TAKATSUJI	M	6- 437	MASER,LASER	28060	TALANTOV	NV	2- 345	WAERME	24095
IR KHELI	R	4- 482	THERMODYN.	24510			9-1706	FLUESSIGK.	58570	TALAT	GH	11-2702	HALBLEITER	71530
RA		3-2090	MAGN.EIG.FK	69020	TAKAYAMA	K	1-1646	PLASMA	57093		GK	11-2798	PHOTOLEITG.	72510
		5-2240	MAGN.EIG.FK	69025			2-1405	PLASMA	57085	TALATI	MC	3-1693	KRISTALLE	65578
		7-2139	MAGN.EIG.FK	69020			2-1406	PLASMA	57085	TALAYEV	MV	1-1729	FLUESSIGK.	58520
IRA	S	11-1609	MOLEKUELE	52585	TAKAYANAGI	K	5-1664	PLASMA	57266	TALBOTT	FL	8-2973	KOSM.PHYSIK	94530
EB	G	12- 631	MASER,LASER	28055			5-1494	MOLEKUELE	52576	TALEKAR	VL	5- 266	MECHANIK	22020
	S	4-2773	IONOSPHERE	91070			7-1477	MOLEKUELE	52580			8-1652	PLASMA	57090
NSH	RJ	2-2251	LEITFHGK.FK	70076			8-1493	MOLEKUELE	52580	TALENTI	G	4- 225	QUANTENTHEO	16572
RA	T	8-1049	STARKE WW.	41783		S	9- 651	KERN-MESSG.	40520			12- 210	QUANTENTHEO	16533
PROV	YM	4-2371	HALBLEITER	71570	TAKEDA	SI	9-1094	KERNREAKTIO	43092	TALIBI	MA	11-2758	HALBLEITER	71570
IT	WC	1- 543	MASER,LASER	28040		G	8- 31	TAGUNGEN	10560	TALIN	B	10-1644	PLASMA	57010
		7- 554	MASER,LASER	28050		H	9-1795	KRISTALLE	65572		N	3-1428	PLASMA	57203
		9-2391	FK-SPEKTREN	73325		K	1-1660	PLASMA	57203	TALLO GRINTSEVICH	P.P.			
		9-2392	FK-SPEKTREN	73325		M	8- 821	BESCHLEUNIG	41030			4- 121	MESSEN	12230
	Y	5-1201	K-REAKTOREN	43515			11-2774	HALBLEITER	71585	TALLAN	NM	5-2449	HALBLEITER	71505
		9-1102	K-REAKTOREN	43510		S	1- 730	KERN-MESSG.	40520			7-2316	HALBLEITER	71520
IBNAPIS	WD	12-1249	KERN-SPEKTR.	42555			2-1348	PLASMA	57085			12-2756	HALBLEITER	71520
IMA	E	3-2776	KOSM.STRLG.	90640			7- 761	KERN-MESSG.	40520	TALLONE LOMBARDI	L.			
	K	6-2283	MAGN.EIG.FK	69065			7-2608	DUENNE SCHI	74050			3- 821	STARKE WW.	41745
		9- 333	HYDRODYNAM.	23060			9- 656	KERN-MESSG.	40520	TALMAN	R	11- 847	STARKE WW.	41740
		12-2585	MAGN.EIG.FK	69060			12-1849	PLASMA	57206			12- 962	ELEMENTART.	41574
	Y	8-1532	POLYMERE	53542		T	2-2051	FK-SPEKTREN	73355			12- 963	ELEMENTART.	41574
IRI	M	6-1499	PLASMA	57080			6-2189	FK-SPEKTREN	73355	TALMI	I	3- 930	KERN-SPEKTR.	42545
ABAYASI	T	1- 143	QUANTENTHEO	16516			6-2212	FK-SPEKTREN	73355			11-1068	KERN-SPEKTR.	42545
		1- 778	ELEMENTART.	41520			6-2271	MAGN.EIG.FK	69050	TALONI	A	3-2665	GRENZFL.FK	74520
		4- 211	QUANTENTHEO	16530			8- 826	BESCHLEUNIG	41040			12-2741	HALBLEITER	71580
		4- 212	QUANTENTHEO	16530			10-2034	KRIST.FEHL.	66030	TALPE	J	2-2041	FK-SPEKTREN	73355
		8- 202	QUANTENTHEO	16530			11-2925	FK-SPEKTREN	73355			6- 102	QUANTENTHEO	16520
		11- 105	QUANTENTHEO	16530			12-2953	FK-SPEKTREN	73355			12- 577	HF-TECHNIK	27560
ACS	S	3-2307	SUPRALEITG.	70520	TAKEHARA	H	5-2727	THERMIEIG.FK	67550	TALUTS	GG	12-2942	FK-SPEKTREN	73345
ACS DE	N	2- 949	KERN-SPEKTR.	42540			9-2040	THERMIEIG.FK	67553	TALVISTE	EK	3-2586	OPT.EIG.FK	73645
ADA	K	5-1005	KERNSTRUKT.	42020	TAKEI	H	12-3177	DUENNE SCHI	74010	TALWAR	SP	2-1377	PLASMA	57055
		8-1076	KERNSTRUKT.	42040		WJ	6-1853	KRISTALLE	65584			4-1647	PLASMA	57055
		11- 961	KERNSTRUKT.	42020			11-3076	DUENNE SCHI	74020			9-1482	PLASMA	57055
	T	6-1832	FK-SPEKTREN	73310	TAKEISHI	Y	5-2687	DUENNE SCHI	74010			11-1727	PLASMA	57055
		8-2640	DUENNE SCHI	74010	TAKEMOTO	I	3- 964	KERN-SPEKTR.	42560	TALYANSKY	II	6-2300	LEITFHGK.FK	70022
	Y	6- 151	QUANTENTHEO	16582	TAKEMURA	M	10-2274	MAGN.EIG.FK	69030	TAM	KK	3- 290	HYDRODYNAM.	23000
AGI	A	12-1866	PLASMA	57235			12-2488	DIELEKTRIKA	68030			9-1456	PLASMA	57040
F		1- 914	STARKE WW.	41753		N	6-1535	PLASMA	57210		LT	2-1490	GASENTLADG.	57860
		1- 948	STARKE WW.	41760		T	2-1338	POLYMERE	53542	TAMADA	K	7- 330	HYDRODYNAM.	23020
		12- 999	STARKE WW.	41720	TAKENO	S	2-2225	LEITFHGK.FK	70053	TAMAGAKI	R	1- 985	KERNSTRUKT.	42020
J		7- 779	KERN-MESSG.	40535			9-2441	FK-SPEKTREN	73330			1-1265	KERNREAKTIO	43080
K		10-1559	MOLEKUELE	52543			10-2598	FK-SPEKTREN	73330			2- 916	KERNSTRUKT.	42045
M		2-2601	DUENNE SCHI	74020	TAKED	A	11-2067	KRIST.FEHL.	66010			5-1012	KERNSTRUKT.	42045
		3-2022	DIELEKTRIKA	68030			1-1637	PLASMA	57085			8-1079	KERNSTRUKT.	42045
S		5-1005	KERNSTRUKT.	42020			6-1478	PLASMA	57055	TAMAGAWA	N	11- 971	KERNSTRUKT.	42040
		11- 961	KERNSTRUKT.	42020		M	5-1712	GASE	58040			4-2592	DUENNE SCHI	74050
Y		2-1995	DIELEKTRIKA	68030			9-1179	ATOME	52024			5-2216	MAGN.EIG.FK	69040
		9-2036	THERMIEIG.FK	67550	TAKESHITA	I	12-2710	SUPRALEITG.	70530			7-2016	MECH.EIG.FK	66545
HASHI	A	1- 863	STARKE WW.	41725			5- 754	KERN-MESSG.	40570	TAMAI	Y	6-2696	GRENZFL.FK	74520
		1- 864	STARKE WW.	41725	TAKETANI	H	2-1059	KERNREAKTIO	43056			1-1783	FLUESSIGK.	58560
		7- 922	STARKE WW.	41725			9- 965	KERN-SPEKTR.	42555	TAMAKI	S	1-1784	FLUESSIGK.	58560
		9-1150	KERNSTRHLG.	44010			11-1276	KERNREAKTIO	43056			4- 560	TEILCH.OPT.	27040
		10-1864	FLUESSIGK.	58557		M	1- 991	KERNSTRUKT.	42045			8-2698	GRENZFL.FK	74535
		6- 731	ELEMENTART.	41580			4- 966	STARKE WW.	41740	TAMAMUSHI	R	2-1567	FLUESSIGK.	58546
J		2-1324	POLYMERE	53500	TAKEUCHI	A	12-2541	MAGN.EIG.FK	69025	TAMAS	G	10-1207	KERNREAKTIO	43028
K		5- 495	TEILCH.OPT.	27016		H	11-3219	ERDKOERPER	90210	TAMATANI	M	12-2893	FK-SPEKTREN	73325
		8-2841	SONNENPHYS.	93312		M	12- 579	HF-TECHNIK	27560	TAMAYAMA		3- 281	MECHANIK	22036
		9- 518	MASER,LASER	28050		N	6- 494	OPT.INSTRUM	28553			5- 73	LABORTECHN.	12515
		9- 647	KERN-MESSG.	40518		S	1-1784	FLUESSIGK.	58560	TAMBA	A	3-1712	KRISTALLE	65588
		12- 923	ELEMENTART.	41543			11-3072	DUENNE SCHI	74010			5-2039	MECH.EIG.FK	66540
		12- 924	ELEMENTART.	41543		T	1-1809	KRISTALLE	65514	TAMBOVTSSEV	BZ	6-1533	PLASMA	57210
		12-3387	SONNENPHYS.	93312			6-2028	MECH.EIG.FK	66545		DI	4-1238	KERNREAKTIO	43052
M		1-2636	DUENNE SCHI	74060		Y	7-1215	KERNREAKTIO	43064	TAMIR	T	2- 589	PHYS.OPTIK	29043
N		2-2575	DUENNE SCHI	74010			8-1063	KERNSTRUKT.	42010			3- 618	PHYS.OPTIK	29030
		7-2596	DUENNE SCHI	74020			8-1067	KERNSTRUKT.	42010	TAMM	IE	1- 263	FELDTHEORIE	18020
		8-1642	PLASMA	57085			11-1272	KERNREAKTIO	43054	TAMMANN	GA	10-3059	STERNE	94050
		10-1706	PLASMA	57080	TAKEUTCHI	F	3- 935	KERN-SPEKTR.	42545	TAMMIK	AS	2-2561	OPT.EIG.FK	73645
		10-1713	PLASMA	57085			5-1053	KERN-SPEKTR.	42545	TAMRAZJAN	OP	11-3222	ERDKOERPER	90240
		11-1743	PLASMA	57080	TAKEUTI	Y	9-2187	LEITFHGK.FK	70053	TAMURA	H	2-2305	HALBLEITER	71500
		12-1805	PLASMA	57080			12-2657	LEITFHGK.FK	70053			6-2216	FK-SPEKTREN	73365
S		3- 495	TEILCH.OPT.	27016	TAKEYA	Y	6-2835	IONOSPHERE	91060			5-2684	DUENNE SCHI	74010
T		1- 723	KERN-MESSG.	40512			6-2836	IONOSPHERE	91060		T	2-1056	KERNREAKTIO	43056

TAN	CW	9-380	WAERME	24060	TANGUY	P	5-493	TEILCH.OPT.	27016	TARONI	A	1-494	ELEKTRODYN.	265
	HS	4-410	HYDRODYNAM.	23040			9-454	TEILCH.OPT.	27016			4-795	KERN-MESSG.	405
		4-722	PHYS.OPTIK	29030			10-509	TEILCH.OPT.	27010	TARR	CE	8-558	HF-TECHNIK	275
		8-705	PHYS.OPTIK	29030			10-510	TEILCH.OPT.	27010			12-568	HF-TECHNIK	275
HT		1-160	QUANTENTHEO	16530	TANI	A	1-750	KERN-MESSG.	40580	TARRAGO	G	11-1557	MOLEKUELE	525
KL		9-1427	PLASMA	57010		K	3-2014	DIELEKTRIKA	68030	TARRANT	JR	7-1141	KERNSEKTR.	425
S		9-1097	K-REAKTOREN	43510			4-2026	GITTERDYN.	67060	TARRATS	A	7-1190	KERNREAKTIO	430
TH		11-832	STARKE WW.	41740			4-2154	MAGN.EIG.FK	69030			9-1205	KERNSTRUKT.	420
WC		4-2840	PLANETEN	93630			7-2169	MAGN.EIG.FK	69050	TARRSHIS	LA	2-1603	KRISTALLE	655
WT		8-1223	KERNREAKTIO	43062			10-2154	GITTERDYN.	67060			2-1951	THERMEIG.FK	675
ZC		5-718	KERN-MESSG.	40505			10-2274	MAGN.EIG.FK	69030	TARTAKOVSKII	V.I.	12-381	MECHANIK	220
		11-572	KERN-MESSG.	40505			12-2488	DIELEKTRIKA	68030			12-377	PHYS.OPTIK	290
TANABE	I	9-1094	KERNREAKTIO	43092			12-2531	MAGN.EIG.FK	69025	TARTARI	U	5-677	PHYS.OPTIK	290
	K	1-134	QUANTENTHEO	16516	TANIFUJI	M	11-1259	KERNREAKTIO	43052	TARTE	P	3-2527	FK-SPEKTREN	733
	T	11-1333	KERNREAKTIO	43080	TANIGUCHI	H	10-720	PHYS.OPTIK	29066			12-2913	FK-SPEKTREN	733
	Y	2-2474	FK-SPEKTREN	73325			11-3106	DUENNE SCHI	74050	TARUI	Y	3-1842	KRIST.FEHL.	660
		4-2425	FK-SPEKTREN	73320			1-36	TAGUNGEN	10545			3-1843	KRIST.FEHL.	660
TANACA	H	9-2366	FK-SPEKTREN	73300	TANIKAWA	Y	1-252	FELDTHEORIE	18000			3-2621	DUENNE SCHI	740
		12-2883	FK-SPEKTREN	73325			5-2648	OPT.EIG.FK	73640	TARUISHI	K	12-1157	KERNSTRUKT.	420
		4-1642	PLASMA	57055	TANIMIZU	S	5-2666	OPT.EIG.FK	73655	TARUTINA	LI	12-1717	POLYMERE	535
TANAKA	E	10-1711	PLASMA	57080			7-1569	PLASMA	57080	TAS	A	1-1301	KERNSTRHLG.	440
	G	7-788	KERNREAKTIO	43024	TANIUTI	T	12-173	MATH.PHYSIK	16020	TASCH JR.	AF	2-2371	HALBLEITER	715
		3-1306	POLYMERE	53535			4-2203	MAGN.EIG.FK	69070			2-2384	HALBLEITER	715
		9-1402	POLYMERE	53535	TANJI	Y	4-1737	PLASMA	57093	TASSIE	LJ	9-1050	KERNREAKTIO	430
	H	1-1222	KERNREAKTIO	43052	TANKIN	RS	5-1607	PLASMA	57075			11-858	STARKE WW.	417
		7-2169	MAGN.EIG.FK	69050			9-766	ELEMENTART.	41570	TASSO	H	1-1602	PLASMA	570
		8-1533	POLYMERE	53542	TANNENBAUM	MJ	10-852	ELEMENTART.	41563			5-1552	PLASMA	570
		12-2531	MAGN.EIG.FK	69025			4-2467	FK-SPEKTREN	73340	TASSOUL	JL	1-2817	STERNE	940
	J	6-1664	FLUESSIGK.	58530	TANNENWALD	PE	6-2552	FK-SPEKTREN	73340			8-2957	KOSM.PHYSIK	945
	K	1-2211	LEITFHGK.FK	70056			9-2637	DUENNE SCHI	74040			9-2933	STERNE	940
		2-434	TEILCH.OPT.	27040	TANNER	DB	4-611	MASER,LASER	28030			9-2933	STERNE	940
		2-435	TEILCH.OPT.	27040		LH	6-433	MASER,LASER	28060			9-2934	STERNE	940
		2-2601	DUENNE SCHI	74020			6-498	OPT.INSTRUM	28570			9-2933	STERNE	940
		3-726	ELEMENTART.	41540			9-537	MASER,LASER	28060	TASUMI	M	5-1513	POLYMERE	535
		7-2236	LEITFHGK.FK	70056			11-814	STARKE WW.	41735	TATAROV	SI	2-2453	OPT.EIG.FK	736
		8-940	STARKE WW.	41720		NW	6-302	WAERME	24050			6-2586	OPT.EIG.FK	736
		8-1523	POLYMERE	53535	TANNHAUSER	DS	1-2423	THERMOELEKT	72010			3-658	PHYS.OPTIK	290
		8-1532	POLYMERE	53542		RI	5-2449	HALBLEITER	71505	TATARSKII	VB	12-1184	KERNSEKTR.	425
		11-859	STARKE WW.	41753			6-2456	HALBLEITER	71566	TATCHER	M	2-2347	HALBLEITER	715
		11-2555	LEITFHGK.FK	70028			7-2316	HALBLEITER	71520	TATEVSKY	VM	8-1440	MOLEKUELE	525
		12-2285	KRIST.FEHL.	66035			8-2375	HALBLEITER	71530	TATI	T	2-2890	KOSM.PHYSIK	945
	M	8-1512	POLYMERE	53535			12-2756	HALBLEITER	71520	TATISCHIEFF	B	10-1257	KERNREAKTIO	430
		10-35	BIOGRAPHIEN	10220			12-3257	GRENZFL.FK	74550	TATRO	CA	3-61	LABORTECHN.	125
	R	9-1149	KERNSTRHLG.	44010	TANQUE	H	6-2836	IONOSPHAERE	91060	TATSUMOTO	E	6-2261	MAGN.EIG.FK	690
	S	1-1646	PLASMA	57093	TANQUARY	RL	7-642	OPT.INSTRUM	28550			6-2270	MAGN.EIG.FK	690
		1-2392	HALBLEITER	71563	TANSKANEN	PJ	5-2812	KOSM.STRLG.	90610			8-2036	MECH.EIG.FK	665
		2-2046	FK-SPEKTREN	73355	TANSLEY	TL	7-2523	OPT.EIG.FK	73605			8-2661	DUENNE SCHI	740
		5-1664	PLASMA	57266			9-2542	OPT.EIG.FK	73605			10-2103	MECH.EIG.FK	665
		6-151	QUANTENTHEO	16582	TANTON	GA	4-1945	KRIST.FEHL.	66076			10-2123	MECH.EIG.FK	665
		7-779	KERN-MESSG.	40535	TANTRAPORN	W	12-2667	HALBLEITER	71505			10-2124	MECH.EIG.FK	665
		8-845	ELEMENTART.	41520	TANTRY	BAP	5-2831	LUFTHUELLE	90880			10-2125	MECH.EIG.FK	665
		8-2408	HALBLEITER	71560			9-2784	LUFTHUELLE	90880			11-2196	MECH.EIG.FK	665
	T	1-1976	GITTERDYN.	67060	TANUMA	S	1-2180	LEITFHGK.FK	70026			12-3186	DUENNE SCHI	740
		3-2388	HALBLEITER	71520			2-2368	HALBLEITER	71550	TATSUZAKI	I	6-2574	OPT.EIG.FK	736
		3-2408	HALBLEITER	71540			5-2333	LEITFHGK.FK	70024	TATZBER	W	1-1325	KERNSTRHLG.	440
		4-2080	DIELEKTRIKA	68050			12-2731	METAL.LEITG	71010	TAUB	AH	1-273	FELDTHEORIE	180
		5-2216	MAGN.EIG.FK	69040	TAO	SJ	12-951	ELEMENTART.	41560			12-3269	GRENZFL.FK	745
		9-393	WAERME	24060		TF	1-527	HF-TECHNIK	27530			4-2441	FK-SPEKTREN	733
		9-1419	POLYMERE	53544		WT	6-97	QUANTENTHEO	16516	TAUBE	H	6-1350	MOLEKUELE	525
		11-1753	PLASMA	57070	TAOKA	T	4-555	TEILCH.OPT.	27030	TAUBENHEIM	J	8-2804	IONOSPHAERE	910
		11-3071	DUENNE SCHI	74010			6-2028	MECH.EIG.FK	66545	TAUBER	G	9-2999	KOSM.PHYSIK	945
		12-2107	KRISTALLE	65518			5-2574	FK-SPEKTREN	73325			1-2435	FK-SPEKTREN	733
	Y	1-1355	ATOME	52024	TAPIERO	E	2-367	THERMODYN.	24554			4-2446	FK-SPEKTREN	733
		2-2284	SUPRALEITG.	70540	TAPPE	RJ	11-916	STARKE WW.	41783	TAUC	J	1-2545	OPT.EIG.FK	736
		3-1473	GASENTLADG.	57840			12-1005	STARKE WW.	41725			7-2188	LEITFHGK.FK	700
		4-1492	MOLEKUELE	52524	TAQUIN	J	4-602	HF-TECHNIK	27560			12-2062	FLUESSIGK.	585
		5-1250	ATOME	52024	TARABROV	YV	2-459	MASER,LASER	28030	TAUCHERT	TR	2-1859	MECH.EIG.FK	665
		7-1407	MOLEKUELE	52524	TARAN	GG	8-1190	KERNREAKTIO	43024			6-1384	POLYMERE	535
		7-2281	SUPRALEITG.	70530			10-1205	KERNREAKTIO	43024	TAUFFENBACH	HJ	11-600	KERN-MESSG.	405
		9-1176	ATOME	52024			11-1222	KERNREAKTIO	43042	TAUPIN	C	1-2054	FK-SPEKTREN	733
TANANAIEV	AV	4-1640	PLASMA	57053	TARANOV	YV	5-1036	KERNSEKTR.	42525			12-2984	FK-SPEKTREN	733
TANANBAUM	HD	6-2955	KOSM.PHYSIK	94540	TARANTIN	NI	6-601	KERN-MESSG.	40570			7-473	TEILCH.OPT.	270
TANASE	O	2-2258	LEITFHGK.FK	70090	TARAO	K	11-1670	PLASMA	57023			9-1856	KRIST.FEHL.	660
TANASOIU	C	2-2098	MAGN.EIG.FK	69035	TARAS	P	1-1076	KERNSEKTR.	42545	TAUREL	L	12-757	PHYS.OPTIK	290
TANDBERG	HANSEN	E.					4-1169	KERNREAKTIO	43000			12-2492	DIELEKTRIKA	680
		5-2903	SONNENPHYS.	93326			8-1117	KERNSEKTR.	42545	TAUSCHER	L	3-811	STARKE WW.	417
TANDELOV	PA	9-1320	MOLEKUELE	52540	TARASENKO	OV	1-1766	FLUESSIGK.	58540			5-1008	KERNSTRUKT.	420
TANDON	GK	12-815	KERN-MESSG.	40530		VV	2-2089	MAGN.EIG.FK	69030			10-1401	ATOME	520
	JN	1-1599	PLASMA	57050			10-2280	MAGN.EIG.FK	69030			10-1402	ATOME	520
	PN	3-957	KERNSEKTR.	42560	TARASH	IL	1-2664	GRENZFL.FK	74566			11-596	KERN-MESSG.	405
		3-1577	HYDRODYNAM.	23020	TARASKO	MZ	5-1189	KERNREAKTIO	43092			3-1584	FLUESSIGK.	585
		12-2150	KRISTALLE	65545			10-1332	KERNREAKTIO	43092	TAUSEND	A	3-2240	LEITFHGK.FK	700
	SN	1-2833	KOSM.PHYSIK	94530			12-1408	KERNREAKTIO	43092	TAUSSIG	RT	4-1621	PLASMA	570
		9-2742	KOSM.STRLG.	90630	TARASOV	AV	6-727	ELEMENTART.	41576	TAUTFEEST	GW	7-894	STARKE WW.	417
TANEDA	S	10-394	HYDRODYNAM.	23060		MS	6-370	TEILCH.OPT.	27054			8-946	STARKE WW.	417
TANEMURA	S	1-1840	KRISTALLE	65572		VF	3-1975	THERMEIG.FK	67510	TAVARD	C	2-1227	MOLEKUELE	525
		10-1268	KERNREAKTIO	43054		VD	4-2036	GITTERDYN.	67060	TAVEL	MA	2-1101	K-REAKTOREN	435
TANENBAUM	BS	1-1638	PLASMA	57093		VV	11-2236	THERMEIG.FK	67510	TAVENDALE	AJ	8-761	KERN-MESSG.	405
		4-426	HYDRODYNAM.	23060	TARASOVA	LI	3-2564	OPT.EIG.FK	73630			1-2529	OPT.EIG.FK	736
		7-1564	PLASMA	57080		NH	7-1610	PLASMA	57256	TAVERNIER	J	5-2434	METAL.LEITG	710
TANG	CCH	9-438	ELEKTIZIT.	26060		NV	5-279	MECHANIK	22050			6-2435	HALBLEITER	715
	CL	1-552	MASER,LASER	28040	TARATUTA	AS	4-2385	HALBLEITER	71590			8-2101	THERMEIG.FK	675
		4-643	MASER,LASER	28060	TARAVELLIER	R	2-584	PHYS.OPTIK	29035			6-711	ELEMENTART.	415
		6-389	MASER,LASER	28055			4-735	PHYS.OPTIK	29035	TAVGER	S	4-2571	DUENNE SCHI	740
		9-498	MASER,LASER	28040							BA	5-2731	DUENNE SCHI	740
	CW	12-1240	KERNSEKTR.	42555	TARCZY	HORNOCH	A.					11-2549	LEITFHGK.FK	700
	IC	11-281	HYDRODYNAM.	23020			1-13	BIOGRAPHIEN	10215			5-530	MASER,LASER	280
	LH	5-2531	PHOTOLEITG.	72510	TARDY	DC	8-1485	MOLEKUELE	52575	TAVIS	M	3-796	STARKE WW.	417
	N	1-235	STATISTIK	17535			12-1581	MOLEKUELE	52510	TAVKHELIDZE	AN	8-971	STARKE WW.	

Y LOR	BJ	4-2880 KOSM.PHYSIK	94540	TEICHNER	SJ	8-2692 GRENZFL.FK	74535	TER MARTIROSYAN K.A.				
	BN	2-2270 SUPRALEITG.	70520	TEIGER	J	1- 861 STARKE WW.	41725		12-1182 KERNSPEKTR.	42500		
		4- 506 ELEKTRIZIT.	26000			3- 846 STARKE WW.	41764	TER MKRTCHYAN A.A.				
	C	7- 127 MATH.PHYSIK	16040			5- 747 KERN-MESSG.	40545		7- 407 WAERME	24060		
	CE	11-2960 FK-SPEKTREN	73370			5- 972 STARKE WW.	41764	TER NERSESYANTS V.E.				
	CH	10-1195 KERNREAKTIO	43018			12-1002 STARKE WW.	41725		6- 994 KERNSPEKTR.	42565		
	DR	5-2186 FK-SPEKTREN	73375	TEILLAC	J	10-1125 KERNSPEKTR.	42555	TER SARKISYAN G.S.				
		10-1942 KRISTALLE	65545	TEIPEL	I	1-1586 PLASMA	57050		10-2714 OPT.EIG.FK	73635		
		10-2671 FK-SPEKTREN	73375	TEISSIER	M	9- 559 OPT.INSTRUM	28526	TERADA	M	4-1709 PLASMA	57235	
	EC	12-1890 GASENTLADG.	57815	TEITELBAUM	H	8-2505 FK-SPEKTREN	73350	TERAI	M	3-2533 FK-SPEKTREN	73335	
	ED	6-2615 OPT.EIG.FK	73655	TEITELMAN	B	11-1264 KERNREAKTIO	43054	TERAMOND DE G		5- 475 ELEKTRODYN.	26530	
	FM	5- 571 MASER,LASER	28055	TEITGE	H	1-2555 OPT.EIG.FK	73640		5- 476 ELEKTRODYN.	26530		
	G	6- 236 ELASTIZIT.	22530	TEITLER	S	3- 252 FELDTHEORIE	18020	TERAMOTO	A	8-1540 POLYMERE	53546	
	GR	8-2358 METAL.LEITG	71010			10- 311 FELDTHEORIE	18040		11-1611 POLYMERE	53525		
	GW	6-2153 DIELEKTRIKA	68030	TEJESSY	M	3- 176 ELEMENTART.	41574		E	8-1512 POLYMERE	53535	
	HA	10-1600 MOLEKUELE	52585	TEKIPPE	VJ	4- 758 VAKUUM	13020		I	8-2639 DUENNE SCHI	74010	
	HE	3-2750 KOSM.STRLG.	90633	TEKOU	B	3-1134 ATOME	52040			11-2413 MAGN.EIG.FK	69040	
		12-3422 PLANETEN	93650	TEKSTER PROSKULYAROVA G.N.					K	9-2245 METAL.LEITG	71000	
	HF	4-2309 SUPRALEITG.	70540			8-2127 DIELEKTRIKA	68020	TERANAKA	M	11- 917 STARKE WW.	41783	
		8-2313 SUPRALEITG.	70520	TEKUCHEVA	IA	10-2796 DUENNE SCHI	74060	TERANISHI	T	12-2588 MAGN.EIG.FK	69065	
	HL	4-1904 KRIST.FEHL.	66020			10-2801 DUENNE SCHI	74065	TERAO	K	5-1625 PLASMA	57203	
	HS	8- 169 QUANTENTHED	16510	TELEGDI	VL	3- 48 BUECHER	11040			9-2004 THERMEIG.FK	67510	
		8-1386 MOLEKUELE	52500	TELEGINA	IV	6-1993 KRIST.FEHL.	66065		T	9-2531 FK-SPEKTREN	73370	
		8-1490 MOLEKUELE	52580	TELEGUS	VS	11-2050 KRISTALLE	65584	TERASAWA	O	8- 960 STARKE WW.	41725	
	HW	1-1113 KERNSPEKTR.	42560	TELEMAN	E	5- 149 QUANTENTHED	16516		Y	6-1534 PLASMA	57020	
		4-1098 KERNSPEKTR.	42545			M	7-1171 KERNREAKTIO	43040	TERASHIMA	Y	2-1381 PLASMA	57055
		7-1098 KERNSPEKTR.	42555	TELESNIN	RV	7-2154 MAGN.EIG.FK	69035			5-1579 PLASMA	57055	
	JB	4-1680 PLASMA	57090	TELFORD	WM	3-2698 ERDKOERPER	90210	TERAZAWA	H	1- 217 QU.FELDTHEO	17020	
		9-1451 PLASMA	57030	TELTJANZ	VN	10- 338 MECHANIK	22020			7- 201 QU.FELDTHEO	17020	
		10-1744 PLASMA	57263	TELIYANTS	VN	12-2283 KRIST.FEHL.	66035	TEREBIZH	VJ	7-2893 STERNE	94025	
		11-1725 PLASMA	57055	TELK	CL	4-2511 OPT.EIG.FK	73640	TEREKHOV	AA	11-1535 MOLEKUELE	52528	
		11-1792 PLASMA	57250	TELKOVSKII	VG	10-2055 KRIST.FEHL.	66062		BA	2- 676 BESCHLEUNIG	41030	
	JC	5-2111 THERMEIG.FK	67510	TELL	B	10-2602 FK-SPEKTREN	73340	TERENIN	AM	2-2433 PHOTOLEITG.	72510	
		6- 148 QUANTENTHED	16582			12-2885 FK-SPEKTREN	73325	TERENTEV	MV	7- 977 STARKE WW.	41762	
	JG	2- 174 QU.FELDTHEO	17030	TELLER	E	3- 633 PHYS.OPTIK	29050			8- 882 ELEMENTART.	41563	
		5- 221 QU.FELDTHEO	17040	TELLEZ	A	10-1285 KERNREAKTIO	43064	TERESHCHENKO A.K.				
		8-1008 STARKE WW.	41755	TELNOV	YY	6- 714 ELEMENTART.	41563		OI	10-1913 KRISTALLE	60516	
	JH	11-3439 KOSM.PHYSIK	94550	TELTOW	J	7-1877 KRIST.FEHL.	66025	TERGIMAN	S	2- 602 PHYS.OPTIK	29060	
	JL	8-1761 FLUESSIGK.	58540			11-2084 KRIST.FEHL.	66025			3- 603 PHYS.OPTIK	29000	
	JR	1- 180 QUANTENTHED	16575	TELTSOV	MY	7-2720 KOSM.STRLG.	90610	TERLECKI	J	12-2048 FLUESSIGK.	58565	
		1-2703 GEOMAGNET.	90470	TELTZOV	MY	4-2798 MAGNETOSPH.	91230	TERMINASOVA MD		2-1852 MECH.EIG.FK	66545	
		1-2704 GEOMAGNET.	90470	TEMCHIN	SM	7-1599 PLASMA	57235	TERNEAUD A	12- 660 OPT.INSTRUM	28510		
		9- 145 QUANTENTHED	16550	TEMKIN	A	5-1485 MOLEKUELE	52576	TERNOPOI	AM	9-1481 PLASMA	57055	
	KJ	11-1952 FLUESSIGK.	58573			DE	2-1945 THERMEIG.FK	67550	TERNOV	IM	6- 210 FELDTHEORIE	18020
	KNR	11-2466 MAGN.EIG.FK	69060	TEMME	D	9-2158 MAGN.EIG.FK	69070			6- 534 PHYS.OPTIK	29066	
		11-2478 MAGN.EIG.FK	69060	TEMMER	GM	4-1033 KERNSTRUKT.	42000			7- 159 QUANTENTHED	16550	
	LM	11- 441 MASER,LASER	28040			10-1161 KERNSPEKTR.	42570			7- 449 ELEKTRODYN.	26540	
	LS	8- 722 PHYS.OPTIK	29045			11-1046 KERNSPEKTR.	42540	TERNOVAYA TV		11- 382 ELEKTRODYN.	26540	
		12-3329 LUFTHUELLE	90860			11-1151 KERNSPEKTR.	42570	TERNOVSKII FF		8-1407 MOLEKUELE	52522	
	MC	6- 549 KERN-MESSG.	40510			11-1152 KERNSPEKTR.	42570	TERNOVSKIY FF		11-2290 SUPRALEITG.	70550	
	MD	12-2851 FK-SPEKTREN	73310			11-1264 KERNREAKTIO	43054			8-2344 SUPRALEITG.	70550	
	MF	2- 267 HYDRODYNAM.	23020	TEMPEL VAN DEN M.				TERNOV	IM	10- 297 FELDTHEORIE	18020	
		6-1035 KERNREAKTIO	43030			1-1759 FLUESSIGK.	58540	TERPICOVSKY DN		11-1954 FLUESSIGK.	58573	
	MJ	3- 499 MASER,LASER	28045			8-1762 FLUESSIGK.	58540	TERPUGOVA AF		11-1518 MOLEKUELE	52516	
		12-2256 KRIST.FEHL.	66030	TEMPELMAYER KE		12-3210 DUENNE SCHI	74060		NS	1-1359 ATOME	52020	
	MT	7-2280 SUPRALEITG.	70530	TEMPER	EM	10-2457 HALBLEITER	71530			3-1159 ATOME	52045	
	N	9-2685 GRENZFL.FK	74535	TEMPERLEY	AA	2- 971 KERNSPEKTR.	42555	TERRANI	M	6- 589 KERN-MESSG.	40535	
	PL	5-2303 LEITFHGK.FK	70020			HMV	11-1886 FLUESSIGK.	58520	TERRIEN	J	2- 42 MESSEN	12215
		9-1636 FLUESSIGK.	58520			JK	2- 971 KERNSPEKTR.	42555			3- 54 MESSEN	12215
	R	2-2241 LEITFHGK.FK	70074				11-1229 KERNREAKTIO	43046			6-1201 ATOME	52045
	RC	7-2577 DUENNE SCHI	74010	TEMPEST	M	6-3003 HUEREN	96310			8- 18 TAGUNGEN	10505	
	RE	8- 912 ELEMENTART.	41576	TEMPLE	DW	8-2580 OPT.EIG.FK	73610			8- 19 TAGUNGEN	10505	
	TR	1-1801 BIOPHYSIK	96000	TEMPLETON	IM	3-2201 LEITFHGK.FK	70024			8- 23 TAGUNGEN	10530	
		7- 695 PHYS.OPTIK	29048			JE	12-3037 FK-SPEKTREN	73370			8- 27 TAGUNGEN	10540
	W	4-2466 FK-SPEKTREN	73340			LC	7-1950 KRIST.FEHL.	66065	TERRILL	RM	1- 337 HYDRODYNAM.	23020
	WA	3-1968 THERMEIG.FK	67510	TENCH	AJ	2-2669 GRENZFL.FK	74535			5- 407 WAERME	24060	
	WC	8-1549 PLASMA	57010	TENDAM	DJ	6-1084 KERNREAKTIO	43064	TERRY	KW	4-2098 FK-SPEKTREN	73370	
	WL	1-1715 GASE	58025	TENENBAUM	J	12- 959 ELEMENTART.	41574		RE	4- 132 LABORTECHN.	12515	
		2- 357 THERMODYN.	24533	TENESCU	E	9-2587 FK-SPEKTREN	73325	TERSKOI	YA	6-2587 OPT.EIG.FK	73670	
		4- 495 THERMODYN.	24533	TENG	TL	11-3223 ERDKOERPER	90240	TERTIAN	R	11-3033 OPT.EIG.FK	73640	
		8-1748 FLUESSIGK.	58527			YY	3-2232 LEITFHGK.FK	70056	TERUNUMA	Y	10-2041 KRIST.FEHL.	66035
		3-1426 PLASMA	57093	TENGBLAD	RG	3-2040 FK-SPEKTREN	73370	TERWIEL	RM	2-1879 GITTERDYN.	67010	
YAYLOR II WH		10-2943 MAGNETOSPH.	91255	TENNA	JS	1-1266 KERNREAKTIO	43090			3-2058 FK-SPEKTREN	73350	
YAYLOR JR. HA	S	7- 777 KERN-MESSG.	40532	TENNEKES	H	8- 389 HYDRODYNAM.	23040	TERWILLIGER K		3- 789 STARKE WW.	41725	
YAZZARI						11- 304 HYDRODYNAM.	23040		KM	3- 848 STARKE WW.	41764	
YCHAO	YH	4-2121 FK-SPEKTREN	73355	TENNETT	RM	12- 404 HYDRODYNAM.	23040	TERZAN	A	4-2851 STERNE	94000	
YCHAPOUTIAN R		7- 883 ELEMENTART.	41576	TENNER	AG	11- 888 STARKE WW.	41764			5-2936 KOSM.PHYSIK	94510	
		11- 733 ELEMENTART.	41563	TENNY	RF	5-2697 DUENNE SCHI	74010	TERZI	N	7-2425 FK-SPEKTREN	73325	
YCHERNEY DI		10-2645 FK-SPEKTREN	73360	TENOR	P	1-1518 POLYMERE	53540	TERZIAN	Y	1-2830 KOSM.PHYSIK	94520	
YCHERNOV S		7-2566 OPT.EIG.FK	73650	TENSI	HM	7-2017 MECH.EIG.FK	66550			7-2937 KOSM.PHYSIK	94550	
YCHOUBAR VALLAT D.				TEODORESQU	G	10-2770 DUENNE SCHI	74020	TESCH	K	1- 933 STARKE WW.	41760	
		1- 688 PHYS.OPTIK	29048			9-1781 KRISTALLE	65578			2- 890 STARKE WW.	41783	
		4- 754 PHYS.OPTIK	29048	TEODOSIU	C	9-2065 DIELEKTRIKA	68040	TESCHER	AG	8- 645 OPT.INSTRUM	28545	
		4-1884 KRISTALLE	65572			5-1978 KRIST.FEHL.	66035	TESHIMA	H	3-2621 DUENNE SCHI	74010	
YCHRAKIAN DH		3- 175 QUANTENTHED	16578	TEPEL	J	7-1214 KERNREAKTIO	43064	TESLENKO	VF	3-1869 THERMEIG.FK	67540	
YCHUPRUNOV DL		8-1218 KERNREAKTIO	43054			11-1305 KERNREAKTIO	43064			3-1966 THERMEIG.FK	67510	
YCHAGAN	WK	12- 312 STATISTIK	17523	TEPINIER	M	11-3201 GRENZFL.FK	74570			12-2338 MECH.EIG.FK	66514	
YCHAGUE	RK	11-1928 FLUESSIGK.	58555	TEPLEY	N	7- 356 AKUSTIK	23510	TESLYUK	MY	10-2000 KRISTALLE	65588	
YCHALE	RW	2-2104 MAGN.EIG.FK	69035	TEPLIKH	VF	6- 606 KERN-MESSG.	40570	TESSMAN	JR	4- 84 UNTERRICHT	12025	
		7-2142 MAGN.EIG.FK	69035	TEPLITZ	VL	8- 227 QUANTENTHED	16578			1-2184 LEITFHGK.FK	70024	
		8-2580 OPT.EIG.FK	73610			2- 130 QUANTENTHED	16582	TESTARDI	L	6-2301 LEITFHGK.FK	70024	
		10-2646 FK-SPEKTREN	73360			2- 131 QUANTENTHED	16582		LR	7-2096 THERMEIG.FK	67550	
		11-2302 MAGN.EIG.FK	69010			2- 138 QUANTENTHED	16582			7-2359 HALBLEITER	71570	
		12-3018 FK-SPEKTREN	73360			10- 233 QUANTENTHED	16588	TESTONI	J	4-1087 KERNSPEKTR.	42535	
YCHANEY DT		9-2147 MAGN.EIG.FK	69060			2- 925 KERNSTRUKT.	42070			7-1190 KERNREAKTIO	43052	
		9-2148 MAGN.EIG.FK	69060	TEPLOY	IB	4-1280 KERNREAKTIO	43080			8-1233 KERNREAKTIO	43080	
YCHBBLE RS		3-2126 MAGN.EIG.FK	69040			6- 551 KERN-MESSG.	40510	TETE	A	5-1806 FLUESSIGK.	58562	
		11-2457 MAGN.EIG.FK	69060			10-1308 KERNREAKTIO	43080			5-2142 DIELEKTRIKA	68020	
YCH	JL	12-1524 ATOME	52040			7-2508 FK-SPEKTREN	73370			6-2145 DIELEKTRIKA	68020	
YCHDFORD DJ		11-1826 GASENTLADG.	57840	TEPLOVA	MA	12-1519 ATOME	52040			12-2471 DIELEKTRIKA	68020	
YCHEGARDEN BJ		4-2709 KOSM.STRLG.	90640	TEPLYAKOV	PA	11-2861 FK-SPEKTREN	73325	TETELBAUM DI		2-2567 DUENNE SCHI	74000	
	K	7-2559 OPT.EIG.FK	73645			11-2878 FK-SPEKTREN	73330			5-2470 HALBLEITER	71566	
		9-2395 FK-SPEKTREN	73325	TEPLYAKOVA SI		11-3009 OPT.EIG.FK	73610			9-2273 HALBLEITER	71520	
YCHFFT WE		7-2222 LEITFHGK.FK	70053	TEPPATI	G	5- 145 QUANTENTHED	16516			10-1926 KRISTALLE	65540	
		7-2354 HALBLEITER	71566			5- 196 QU.FELDTHEO	17010			10-1982 KRISTALLE	65582	
YCHGTSOONIAN E		4-1982 MECH.EIG.FK	66516	TER AKOPYAN OM		11- 78 QUANTENTHED	16516	TETELMAN	AS	12-2251 KRIST.FEHL.	66025	
YCH	HC	5-1771 FLUESSIGK.	58540			10-1130 KERNSPEKTR.	42555		</			

TEUBNER W	1- 104	VAKUUM	13050	THOLFSEN P	12-2686	SUPRALEITG.	70510	THOMPSON DH	9- 537	MASER, LASER	2806
	1- 105	VAKUUM	13050					DO	3-1832	KRIST. FEHL.	6606
	12- 164	VAKUUM	13060	THOMA K	7-2095	THERMEIG.FK	67540		3-1833	KRIST. FEHL.	6606
TEUCHER I	11-3195	GRENZFL.FK	74570		11-2253	THERMEIG.FK	73625		7-2065	GITTERDYN.	6707
TEUCHERT E	12-1411	K-REAKTOREN	43515	P	3-2568	OPT.EIG.FK	73625	DR	1-1050	KERNSPEKTR.	4254
TEVEBAUGH AD	8- 139	LABORTECHN.	12580		7-2553	OPT.EIG.FK	73640		3-1078	KERNREAKTIO	4307
TEVEROVSKII AY	8-2130	DIELEKTRIKA	68020	A	5-2202	FK-SPEKTREN	73355		7-1204	KERNREAKTIO	4306
	8-2132	DIELEKTRIKA	68020		9- 346	AKUSTIK	23520		8-1232	KERNREAKTIO	4307
TEVIKIAN RV	2- 165	QU.FELDTHEO	17020	AG	2-1826	MECH.EIG.FK	66514	DS	11-1632	POLYMERE	5354
TEVOSYAN TA	11- 444	MASER, LASER	28045	AM	3- 94	VAKUUM	13013	E	2-1463	PLASMA	5726
TEWARSON SP	1- 681	PHYS.OPTIK	29045	AR	2- 801	STARKE WW.	41740	ED	4-2139	MAGN.EIG.FK	6901
	5- 684	PHYS.OPTIK	29040		11- 936	KERNSTRUKT.	42010		9-1998	THERMEIG.FK	6751
TEWARY VK	7-2506	FK-SPEKTREN	73370	BR	8- 220	QUANTENTHEO	16575	GHB	7-2114	DIELEKTRIKA	6802
TEWELES S	1-2741	LUFTHUELLE	90840	BS	11-1633	POLYMERE	53546	HB	8-1380	MOLEKUELE	5251
TEWKSBURY S	10- 899	STARKE WW.	41725	BJW	12-3099	OPT.EIG.FK	73605		9-1284	MOLEKUELE	5251
TEWORDT L	2-2259	SUPRALEITG.	70510	CW	7-2763	LUFTHUELLE	90890		10- 846	ELEMENTART.	4156
TEXTORIS R	5-1091	KERNSPEKTR.	42565	DB	6- 332	ELEKTRIZIT.	26030	HM	4-1622	PLASMA	5705
TEYSSANDIER P	9- 242	FELDTHEORIE	18060		8- 785	KERN-MESSG.	40555	HW	12-1623	MOLEKUELE	5253
TEYSSIER JL	12- 786	KERN-MESSG.	40518		8- 786	KERN-MESSG.	40555	IH	1-2846	KOSM.-PHYSIK	9457
THACKRAY G	7-1705	FLUESSIGK.	58530	DG	1-2396	HALBLEITER	71566	J	6- 840	STARKE WW.	4177
THAIN JF	5-1779	FLUESSIGK.	58546		1-2464	FK-SPEKTREN	73325	JC	6-1746	FLUESSIGK.	5857
THAKURTA SRG	8-2387	HALBLEITER	71530		2-1604	KRISTALLE	65510		9-1995	THERMEIG.FK	6751
THALER HJ	8-1851	KRISTALLE	65545		3-2488	FK-SPEKTREN	73325		10-1845	FLUESSIGK.	5854
THALHAMMER T	12-2975	FK-SPEKTREN	73355		8-2622	OPT.EIG.FK	73645	JK	2-1314	FK-SPEKTREN	7337
THAMBYAHPIILLAI T.					11-2856	FK-SPEKTREN	73325	JR	3-2162	MAGN.EIG.FK	6906
	2-2744	KOSM.STRLG.	90643	DJD	6-2647	DUENNE SCHI	74020		6-2139	THERMEIG.FK	6751
THAMPI MS	9-1044	KERNREAKTIO	43054		9-2630	DUENNE SCHI	74020		6-2171	FK-SPEKTREN	7337
THARMALINGAM K	8-2277	LEITFHOK.FK	70053		10-1973	KRISTALLE	65574		10-2320	MAGN.EIG.FK	6906
THARP LN	2-2688	GRENZFL.FK	74576	DL	9- 552	OPT. INSTRUM	28513	KJ	8-2682	GRENZFL.FK	7453
THATCHER WJ	8- 146	VAKUUM	13016	E	5- 35	BUECHER	11030	KW	1- 982	KERNSTRUKT.	4202
THATTE SB	4- 123	MESSEN	12240	EE	9-2192	LEITFHOK.FK	70056	LH	10-1491	ATOME	5209
THAYARNYONG S	11-3257	KOSM.STRLG.	90633	EL	5- 603	OPT. INSTRUM	28516	MA	7- 910	STARKE WW.	4172
THEILE R	6- 373	TEILCH.OPT.	27095		7- 583	MASER, LASER	28060	MN	3-1018	KERNREAKTIO	4302
THEIMER O	8-1561	PLASMA	57017		6-1208	ATOME	52065	MW	7-1941	KRIST. FEHL.	6606
THEILLER E	6-1715	FLUESSIGK.	58557	EW	6-1209	ATOME	52065	PA	6- 277	HYDRODYNAM.	2306
THELLUNG A	12- 324	STATISTIK	17560		7-1336	ATOME	52065		7-1482	MOLEKUELE	5259
THEOBALD G	1-2121	MAGN.EIG.FK	69030		7-1399	MOLEKUELE	52524	RS	5-2390	SUPRALEITG.	70510
	5-1503	MOLEKUELE	52547		7-1400	MOLEKUELE	52524		11-2607	SUPRALEITG.	70520
	8-1453	MOLEKUELE	52547		9-1376	MOLEKUELE	52575		11-2648	SUPRALEITG.	70530
	11-1556	MOLEKUELE	52543	G	2- 646	KERN-MESSG.	40527	SG	1- 721	KERN-MESSG.	40510
	11-1559	MOLEKUELE	52547		7- 471	TEILCH.OPT.	27040		6-1111	KERNREAKTIO	43092
	10-1322	KERNREAKTIO	43092		10-1911	KRISTALLE	65514		12-1405	KERNREAKTIO	43092
THEODORIDIS GC	3-2844	MAGNETOSPH.	91230		10-1956	KRISTALLE	65570	TJ	4-1223	KERNREAKTIO	43042
	4-2797	MAGNETOSPH.	91230		12- 554	TEILCH.OPT.	27040	WA	4-2283	SUPRALEITG.	70520
	10- 739	KERN-MESSG.	40532	GE	4-1216	KERNSPEKTR.	42540		11-1536	MOLEKUELE	52535
THEODOROU D	8-2667	GRENZFL.FK	74576		7- 784	KERN-MESSG.	40540	WB	5-1608	PLASMA	57075
THEON JS	4-2726	LUFTHUELLE	90830		7-1351	ATOME	52070	WE	3-1024	KERNREAKTIO	43042
THEOPHANIDES T	12-2908	FK-SPEKTREN	73330	GJ	8- 525	TEILCH.OPT.	27030	WJ	4-1171	KERNREAKTIO	43035
THEOPHILOU A	10-1336	K-REAKTOREN	43515	GM	2-2710	GEOMAGNET.	90440		6-1068	KERNREAKTIO	43051
THERIAULT JP	7- 630	OPT. INSTRUM	28540	GP	11- 805	STARKE WW.	41730		8-1216	KERNREAKTIO	43054
THERNQUIST P	9-1831	KRIST. FEHL.	66010	GR	2-2777	IONOSPHAERE	91040	THOMPSON III W.I.	5-2901	SONNENPHYS.	93324
THEUMANN A	10- 285	STATISTIK	17563	H	10-2258	MAGN.EIG.FK	69025	THOMPSON JR. H.W.			
THEUS RB	10- 810	BESCHLEUNIG	41040		11-2359	MAGN.EIG.FK	69025		6-2469	HALBLEITER	71570
THEVENET B	11- 711	ELEMENTART.	41546	HC	12-2788	HALBLEITER	71540	MC	8- 561	HF-TECHNIK	27593
THEYE ML	12-1051	STARKE WW.	41740		2-2869	STERNE	94040		12- 509	ELEKTRIZIT.	26014
THIBAUT JJ	8- 148	VAKUUM	13020		7-2897	STERNE	94040		12-3318	LUFTHUELLE	90820
	2- 790	STARKE WW.	41725	HM	3-2305	SUPRALEITG.	70520	THOMSEN L	6-2742	ERDKOERPER	92010
	2-1366	PLASMA	57045	JG	6- 322	ELEKTRIZIT.	26010	THOMSON ET	10- 105	LABORTECHN.	12540
	4- 129	MESSEN	12250	JK	2-1595	FLUESSIGK.	58573	JH	9-2825	ASTROPHYSIK	93020
THIBEAU M	2- 592	PHYS.OPTIK	29045	JM	3- 415	TEILCH.OPT.	27040	THON F	10- 512	TEILCH.OPT.	27030
	5- 692	PHYS.OPTIK	29045		8- 143	VAKUUM	13013	THORESEN P	9-2785	LUFTHUELLE	90890
	12- 736	PHYS.OPTIK	29045		10-2757	DUENNE SCHI	74010	THORALSSON J	3-1199	MOLEKUELE	52512
THIEBLEMONT B	6-2001	KRIST. FEHL.	66076	JP	12-3226	GRENZFL.FK	74520	THORHAUG A	1- 9	BIOGRAPHIEN	10215
	6-2208	FK-SPEKTREN	73355	K	7-2972	SEHEN	96618	THORN CB	12-1222	KERNSPEKTR.	42543
	7-1955	KRIST. FEHL.	66065	KS	3- 286	ELASTIZIT.	22530	THORNER KK	3-2445	HALBLEITER	71540
THIEL H	2-1897	GITTERDYN.	67060	L	9-2249	METAL. LEITG	71010	NS	12- 971	ELEMENTART.	41576
THIELE E	2-1237	MOLEKUELE	52516	LD	4-2227	LEITFHOK.FK	70024	THORNDALH L	10- 813	BESCHLEUNIG	41040
	9- 168	QUANTENTHEO	16585	LK	9- 627	PHYS.OPTIK	29066	THORNDIKE AM	10-1003	STARKE WW.	41783
	10-1575	MOLEKUELE	52570	MF	6-1069	KERNREAKTIO	43054	EH	1- 873	STARKE WW.	41740
	5- 93	LABORTECHN.	12580		10-1087	KERNSPEKTR.	42545		2- 801	STARKE WW.	41740
THIELHEIM OW	7-2733	LUFTHUELLE	90815		10-1094	KERNSPEKTR.	42545		2- 810	STARKE WW.	41740
KO	5-1196	K-REAKTOREN	43515	P	12-2068	FLUESSIGK.	58573		5- 907	STARKE WW.	41740
	9- 227	FELDTHEORIE	18020	PM	11-1417	ATOME	52024		11- 936	KERNSTRUKT.	42010
THIEMANN W	6- 610	KERN-MESSG.	40580	RE	2-2643	GRENZFL.FK	74520	THORNE KS	5-2968	KOSM.-PHYSIK	94570
THIEME G	9-3015	BIOPHYSIK	96040		4-2635	GRENZFL.FK	74563		6-2981	KOSM.-PHYSIK	94570
THIERY J	11-1641	POLYMERE	53546		5-2791	GRENZFL.FK	74583		9- 236	FELDTHEORIE	18040
THIESSEN D	8- 403	HYDRODYNAM.	23070	RL	7-2054	GITTERDYN.	67060	RM	7-2845	SONNENPHYS.	93324
	2- 300	AKUSTIK	23510	RN	3-2602	DUENNE SCHI	74010	CK	12- 92	MESSEN	12215
THIM HW	3- 400	ELEKTRIZIT.	26060		3-2605	DUENNE SCHI	74010	JHM	9-2557	OPT.EIG.FK	73610
	9-2302	HALBLEITER	71540	RO	5-1640	PLASMA	57010	DE	9-2339	THERMOELEKT.	72000
THINH VAN M	2- 281	HYDRODYNAM.	23040	SJ	11- 493	OPT. INSTRUM	28530	E	10-1779	GASE	58020
THIOUNN M	1- 291	MECHANIK	22020	TD	2-1088	KERNREAKTIO	43092	JA	7-1601	PLASMA	57250
	5-1300	ATOME	52075		7-1150	KERNREAKTIO	43008	JR	12- 409	HYDRODYNAM.	23010
	5-1423	MOLEKUELE	52540		10-1319	KERNREAKTIO	43092	PR	4- 556	TEILCH.OPT.	27030
THIRION J	12- 585	MASER, LASER	28000	TR	1-2655	GRENZFL.FK	74555	ST	11- 941	KERNSTRUKT.	42010
	3- 877	KERNSTRUKT.	42010	TY	4-2903	KOSM.-PHYSIK	94583	THORP JH	3-2676	GRENZFL.FK	74535
	8-1213	KERNREAKTIO	43054	W	3- 345	WAERME	24020	JS	5-2200	FK-SPEKTREN	73355
	10-1263	KERNREAKTIO	43054	Y	7-2093	THERMEIG.FK	67530	TL	10-2174	THERMEIG.FK	67510
	10-1264	KERNREAKTIO	43054	THOMAS JR. RG	2-1058	KERNREAKTIO	43056		11-2454	MAGN.EIG.FK	69060
JM	7- 775	KERN-MESSG.	40530		8-1210	KERNREAKTIO	43050		11-2480	MAGN.EIG.FK	69060
THIRLWELL J	12-1228	KERNSPEKTR.	42545	THOMASON EM	12- 852	KERN-MESSG.	40582	THORPE LW	6- 478	OPT. INSTRUM	28545
THIRRING W	8-1985	KRIST. FEHL.	66062	RS	7-1222	KERNREAKTIO	43075	MF	9-1141	KERNSTRUKT.	44010
	3- 199	QU.FELDTHEO	17010	THOMASSEN KI	5-1645	PLASMA	57250		12-2536	MAGN.EIG.FK	69025
	5- 211	QU.FELDTHEO	17025		6-1459	PLASMA	57055	MM	4-1308	K-REAKTOREN	43530
	8-2307	SUPRALEITG.	70510	THOMAZEAU JC	7-1857	KRISTALLE	65588	AC	4-2281	SUPRALEITG.	70520
THIRRIOT C	2- 293	HYDRODYNAM.	23060	THOME P	2- 61	VAKUUM	13030		5-2310	LEITFHOK.FK	70024
	5- 352	HYDRODYNAM.	23060		5- 278	MECHANIK	22050		7-2267	SUPRALEITG.	70520
THIRSK HP	2-1587	FLUESSIGK.	58568	THOMESCHEIT A	7- 721	PHYS.OPTIK	29070	W	12-2122	KRISTALLE	65545
	2-2574	DUENNE SCHI	74010	K	4-1957	KRIST. FEHL.	66076	THORSTEINSEN T	9- 978	KERNSPEKTR.	42565
THIRUNAMACHANDRAN T.	5-1238	ATOME	52010		8-2014	KRIST. FEHL.	66076	THORWART W	5- 652	OPT. INSTRUM	28586
	8-1396	MOLEKUELE	52514	THOMMEN K	11-1127	KERNSPEKTR.	42565	BY	7-1102	KERNSPEKTR.	42555
THIRUVENKATACHAR V.R.				AG	3-2212	LEITFHOK.FK	70028	THOSALOUZE D	12-2140	KRISTALLE	65545
	2- 297	HYDRODYNAM.	23070		4-2416	FK-SPEKTREN	73325	THOUVENIN P	2-1065	KERNREAKTIO	43064
THIRY H	11- 515	OPT. INSTRUM	28563		4-2486	OPT.EIG.FK	73610	JJ	10- 891	STARKE WW.	41725
Y	1- 290	MECHANIK	22010	AM	9- 417	ELEKTRIZIT.	26012	THROOP GJ	7-1664	GASE	58040
THODE HG	2-1042	KERNREAKTIO	43092	AR	7-2912	KOSM.-PHYSIK	94520	THROWER PA	8-1993	KRIST. FEHL.	66065
THODOS G	2-1514	GASE	58025		8-2963	KOSM.-PHYSIK	9				

THUENA VON PC	5-2794	ERDKOERPER	90250	TILLEY DE	1-2017	DIELEKTRIKA	68020	TITMAN JM	12-2027	FLUESSIGK.	58557	
BUERING B	5- 28	BUECHER	11000	DR	4-2271	SUPRALEITG.	70540	TITOV AT	12-2323	KRIST.FEHL.	66076	
E	9- 244	MECHANIK	22010		5-1039	KERNSPEKTR.	42540	RA	2-2450	PHOTOLEITG.	72500	
JUILLEAUX JM	9- 244	MECHANIK	22010		7-1069	KERNSPEKTR.	42545	VA	6-1783	KRISTALLE	65510	
JILLIER JC	8-2810	IONOSPHAERE	91072		11-1053	KERNSPEKTR.	42545	VB	4- 357	MECHANIK	22050	
JM	1-2404	HALBLEITER	71570		11-2649	SUPRALEITG.	70550	TITOVA AG	1-2158	MAGN.EIG.FK	69070	
JM	1-1977	GITTERDYN.	67060	TIMAN BL	3-2348	METAL.LEITG	71000		10-2333	MAGN.EIG.FK	69070	
	1-2404	HALBLEITER	71570		3-2585	OPT.EIG.FK	73645	EI	8-2578	OPT.EIG.FK	73605	
	2-2321	HALBLEITER	71520		5-2773	GRENZFL.FK	74555	NS	6- 861	STARKE WW.	41783	
	6-2347	LEITFHGK.FK	70072		10-2159	GITTERDYN.	67060	TF	7-1432	MOLEKUELE	52538	
UDC ND	3-2381	HALBLEITER	71520		11-2984	FK-SPEKTREN	73370	HO	7-2617	DUENNE SCHI	74060	
URBER JK	5- 229	STATISTIK	17523	TIMARENKO VI	9-2031	THEMEIG.FK	67550	EW	6-1094	KERNREAKTIO	43075	
WR	1-2192	LEITFHGK.FK	70028	TIMASHEFF S	8-1541	FLUESSIGK.	53546	PJ	7- 580	MASER,LASER	28060	
	1-2230	HALBLEITER	71520	TIMBRELL V	8- 367	HYDRODYNAM.	23010	TITTMANN B	12-3014	FK-SPEKTREN	73360	
	1-2358	SUPRALEITG.	70540	TIMBERULATOV A.M.				ER	5-2093	GITTERDYN.	67060	
BUREAU P	10-2815	GRENZFL.FK	74550		6-1498	PLASMA	57080		11-2211	GITTERDYN.	67060	
URLOW N	8-1211	KERNREAKTIO	43050		4-2650	GRENZFL.FK	74580	TITZE O	11-1213	KERNREAKTIO	43034	
URN H	10-1806	FLUESSIGK.	58520	TIMM U	6- 599	KERN-MESSG.	40560	TIUNOV YA	3- 511	MASER,LASER	28045	
URNAUER PG	8- 73	UNTERRICHT	12030		3-2340	SUPRALEITG.	70560		11- 449	MASER,LASER	28045	
URO G	4-1309	K-REAKTOREN	43540	TIMMERHAUS KD	3-2340	SUPRALEITG.	70560	TIURI ME	1-2802	PLANETEN	93614	
	10-1360	K-REAKTOREN	43540	TIMOFFEYEV AN	6-1559	PLASMA	57270	TIVOL WF	1-1252	KERNREAKTIO	43075	
	10-1360	K-REAKTOREN	43540		AD	11-2082	KRIST.FEHL.		1-1258	KERNREAKTIO	43075	
URSTON GB	4-1566	POLYMERE	53525		AV	8-1625	PLASMA		3- 876	KERNSTRUKT.	42010	
	8-1531	POLYMERE	53542			11-1759	PLASMA		3-1049	KERNREAKTIO	43054	
	9-1410	POLYMERE	53540		VB	2- 522	OPT.INSTRUM		7-1002	KERNSTRUKT.	42010	
	2-1847	MECH.EIG.FK	66545			7- 613	OPT.INSTRUM		11-1252	KERNREAKTIO	43052	
WAITES R	2-2657	GRENZFL.FK	74530	TIMOFFEVA VA	7-2429	FK-SPEKTREN	73325	TIVONENKO RA	9-1749	KRISTALLE	65516	
	4-2622	GRENZFL.FK	74535		2-1611	KRISTALLE	65510	TIWARI JS	12-2896	FK-SPEKTREN	73325	
TT	4-1276	KERNREAKTIO	43080		12-2576	MAGN.EIG.FK	69060		4-2010	GITTERDYN.	67020	
YAGARAJAN G	7-1253	KERNREAKTIO	43080	TIMOFFEYEV AV	6-1543	PLASMA	57055		PN	9-1022	KERNREAKTIO	43044
	3-1220	MOLEKUELE	52514		VB	12-2890	FK-SPEKTREN		SN	6- 306	WAERME	24060
YER JR	5-1976	KRIST.FEHL.	66035	TIMOKHIN VI	1-2744	LUFTHUELLE	90850	TIXIER M	2-2808	IONOSPHAERE	91076	
YIRION R	7-2478	FK-SPEKTREN	73355	TIMOSHENKOV VA	11-2886	FK-SPEKTREN	73330		8-2819	MAGNETOSPH.	91226	
YINEN FO	8-1452	MOLEKUELE	52547	TIMOSHIN IY	6- 632	BESCHLEUNIG	41010	R	12-2179	KRISTALLE	65574	
	6-2881	PLANETEN	93614	TIMOSHININ VS	10-1515	MOLEKUELE	52514		7-1201	KERNREAKTIO	43060	
	8-2889	PLANETEN	93614	TIMOTHY AF	4- 562	TEILCH.OPT.	27068	TJOETTA S	4- 450	AKUSTIK	23530	
EBELL G	2- 959	KERNSPEKTR.	42545		4- 562	TEILCH.OPT.	27068	TJOM PO	6- 987	KERNSPEKTR.	42565	
	11-1266	KERNREAKTIO	43054	TIMROT DL	3-1987	THERMEIG.FK	67520		12-1277	KERNPEKTR.	42565	
CE R	4-1549	MOLEKUELE	52580	TIMUSK T	1-1946	GITTERDYN.	67010	TJON JA	2- 170	QU.FELDTHEO	17030	
	4-1550	MOLEKUELE	52580		7-2439	FK-SPEKTREN	73330		7-2401	FK-SPEKTREN	73310	
CHO HK	3- 809	STARKE WW./	41730	TINDALL WE	4-1707	PLASMA	57213		8-2446	FK-SPEKTREN	73310	
CHY K	12-2202	KRISTALLE	65586	TINDER RF	7-2678	GRENZFL.FK	74583	TKACH YV	9-1528	PLASMA	57093	
R	7-1049	KERNSPEKTR.	42525		12-3258	GRENZFL.FK	74580	TKACHANKO NF	4-1480	MOLEKUELE	52536	
CKLE R	4-1149	KERNSPEKTR.	42570	TINDLE CT	9- 926	KERNSPEKTR.	42525	TKACHENKO AN	10- 481	ELEKTRIZIT.	26060	
	9- 988	KERNSPEKTR.	42570	GL	7- 132	QUANTENTHEO	16516	TKACHEV LG	11- 721	ELEMENTART.	41546	
CKNER AS	12- 388	ELASTIZIT.	22510		8- 238	QUANTENTHEO	16582		3-2424	HALBLEITER	71566	
DMAN DA	1-1616	PLASMA	57060	TINDO IP	3-2739	KOSM.STRLG.	90630		4-1963	KRIST.FEHL.	66076	
	9-2820	MAGNETOSPH.	91260		8-2986	KOSM.PHYSIK	94540	VD	4-1964	KRIST.FEHL.	66076	
DWELL ED	2-1432	PLASMA	57020	TING L	3- 297	HYDRODYNAM.	23020		6-1995	KRIST.FEHL.	66065	
ECKE HIG	10- 903	STARKE WW.	41725	SCC	4- 886	ELEMENTART.	41546		6-2459	HALBLEITER	71566	
EDEKEN R	2- 32	BUECHER	11020		4- 897	ELEMENTART.	41563		9-2587	OPT.EIG.FK	73635	
ELSCH CASSEL E.					8- 902	ELEMENTART.	41574	TKALICH VS	1-1571	PLASMA	57045	
	1-1148	KERNSPEKTR.	42570		11- 742	ELEMENTART.	41574		3-1360	PLASMA	57045	
EMANN E	12-1616	MOLEKUELE	52534		11- 884	STARKE WW.	41764	YF	1-1571	PLASMA	57045	
F	4-1461	MOLEKUELE	52528		12- 950	ELEMENTART.	41560		11- 120	QUANTENTHEO	16572	
	12-1613	MOLEKUELE	52528	TINKER MH	3-1163	ATOME	52085	TKEBUCHAVA F	9- 135	QUANTENTHEO	16526	
JJ	1-2401	HALBLEITER	71570	M	1-2270	SUPRALEITG.	70530	TKHAREV EE	2-2343	HALBLEITER	71530	
EMBLA A	4-1006	STARKE WW.	41764	TINKHAM	8-2316	SUPRALEITG.	70550	TKHORIK YA	3-2854	Sonnenphys.	93312	
	11- 862	STARKE WW.	41753		10-2643	FK-SPEKTREN	73360	TLAMICHA A	9- 298	HYDRODYNAM.	23020	
EN CL	4- 476	WAERME	24060	TINKLER HB	11-1870	GASE	58020	TOAI SUM LUU	5-1621	PLASMA	57203	
	7- 709	PHYS.OPTIK	29060	TINLOT JH	9- 766	ELEMENTART.	41570	TOBA K	12-1929	GASE	58030	
	7- 713	PHYS.OPTIK	29063	TINO Y	12-2596	MAGN.EIG.FK	69070		7-1944	KRIST.FEHL.	66062	
	7-1672	GASE	58060	TINOCO JR. I	4-1584	POLYMERE	53546	TOBIAS CA	9- 340	HYDRODYNAM.	23070	
	9-1648	FLUESSIGK.	58525		11-1640	POLYMERE	53546	CW	1- 575	MASER,LASER	28055	
	10-1790	GASE	58040	TINSLEY BA	7-2759	LUFTHUELLE	90870		2-1699	KRISTALLE	65584	
	12- 739	PHYS.OPTIK	29050		10-2905	LUFTHUELLE	90870	TOBISCH J	5-2640	OPT.EIG.FK	73635	
TY	2-1969	DIELEKTRIKA	68020	TINT M	3- 725	ELEMENTART.	41540	TOBOCHMAN W	6-1009	KERNREAKTIO	43005	
NIERNAN TO	10- 740	KERN-MESSG.	40542	F	3- 393	ELEKTRIZIT.	26014		10-1173	KERNREAKTIO	43005	
IERSTEN HF	1-2035	DIELEKTRIKA	68050	J	5- 199	QU.FELDTHEO	17010		10-1191	KERNREAKTIO	43014	
	6-2361	SUPRALEITG.	70510	TIONMO	10- 179	QUANTENTHEO	16526		6-1672	FLUESSIGK.	58535	
	7-2128	DIELEKTRIKA	68050		2-1295	MOLEKUELE	52575	TOBOLSKY AV	9-1417	POLYMERE	53542	
ETJEN JJ	2-1745	KRIST.FEHL.	66025	TIP -A	3-1497	GASE	58025		11-1620	POLYMERE	53542	
ETZ T	10- 587	MASER,LASER	28050		5-1716	GASE	58025	TOCCHETTI D	2-1893	GITTERDYN.	67040	
	3- 147	QUANTENTHEO	16553		6-1595	GASE	58020	TOCCI L	3-2077	FK-SPEKTREN	73360	
	3- 151	QUANTENTHEO	16553	TIPA I	7-1171	KERNREAKTIO	43040	TODA A	1- 828	ELEMENTART.	41566	
	5- 161	QUANTENTHEO	16530	TIPPE A	2-1935	THERMEIG.FK	67530		1- 914	STARKE WW.	41753	
	7- 152	QUANTENTHEO	16530	TIPPIE JW	1-1099	KERNSPEKTR.	42555		9-1961	GITTERDYN.	67010	
	11- 113	QUANTENTHEO	16553	TIPPING DW	5-2616	FK-SPEKTREN	73380	TODD AC	12- 390	ELASTIZIT.	22510	
IFFANY WB	8- 586	MASER,LASER	28045	TIPPINS HH	1-1806	KRISTALLE	65510		3-2600	DUENNE SCHI	74010	
IGANE IF	1-2610	DUENNE SCHI	74020		1-2073	FK-SPEKTREN	73355	CJ	12- 767	KERN-MESSG.	40505	
IGANOV EV	2-1596	FLUESSIGK.	58573		3-2214	KRISTALLE	65545	JH	9-1461	PLASMA	57045	
IHANYI J	11-2769	HALBLEITER	71580	TIPPLE KR	12-3346	IONOSPHAERE	91020	L	11-3502	STRAHL.BIOL	97010	
IIIT WM	12- 55	TAGUNGEN	10535	TIRAN LE E	11-2652	SUPRALEITG.	70595	PW	7-2652	GRENZFL.FK	74535	
IKHOMIROV GD	5- 977	STARKE WW.	41764	TIRAPEGUI E	3- 754	ELEMENTART.	41560		6- 430	MASER,LASER	28055	
GP	12-3169	DUENNE SCHI	74010		9- 198	QU.FELDTHEO	17025	TODIREANU S	11- 150	QU.FELDTHEO	17010	
IKHOMIROVA EN	6-1295	MOLEKUELE	52538	TIREN LI	3-1094	K-REAKTOREN	43510		3-2116	MAGN.EIG.FK	69040	
IKHOMOLOVA KP	5-1814	FLUESSIGK.	58565	KG	4-1105	KERNSPEKTR.	42550	J	4-2152	MAGN.EIG.FK	69030	
IKHONENKO KA	8-1939	KRIST.FEHL.	66025		12-1234	KERNSPEKTR.	42550		5-2250	MAGN.EIG.FK	69030	
IKHONOV AN	9-1564	PLASMA	57050	TISCHER FJ	5- 513	HF-TECHNIK	27530		8-1134	KERNSPEKTR.	42550	
EA	4- 622	MASER,LASER	28045	R	6-1370	MOLEKUELE	52547	TODT W	12- 864	KERN-MESSG.	40584	
	9- 511	MASER,LASER	28045		7- 792	KERN-MESSG.	40555	WH	1- 63	MESSEN	12250	
	12-2282	KRIST.FEHL.	66035	TISCHHAUSER I	1-1165	KERNREAKTIO	43005	TOELLER H	9-1349	MOLEKUELE	52575	
LV	10- 79	MESSEN	12200	BI	11-1167	KERNREAKTIO	43005	TOENNIES JP	8- 442	WAERME	24023	
ON	7-2363	HALBLEITER	71570	VD	12-2313	KRIST.FEHL.	66065	TOENSHOFF DA	5-1620	PLASMA	57203	
VI	1-1986	THERMEIG.FK	67010	VG	2-1284	MOLEKUELE	52528	TOEPFER AJ	1-1193	KERNREAKTIO	43030	
VV	2-2250	LEITFHGK.FK	70074		4- 469	WAERME	24030	C	10-1192	KERNREAKTIO	43030	
	3-1977	THERMEIG.FK	67510	TISHIN AS	7-1259	KERNREAKTIO	43090		11-1208	KERNREAKTIO	43030	
	4-2053	THERMEIG.FK	67520		10-1318	KERNREAKTIO	43090		12-1323	KERNREAKTIO	43030	
	9-2015	THERMEIG.FK	67520	EA	11-3187	GRENZFL.FK	74563	TOERINGVIST NA	5- 851	STARKE WW.	41700	
IKHONOVA EA	3-1822	KRISTALLE	65572	VG	6- 949	KERNSPEKTR.	42550		5- 881	STARKE WW.	41725	
	8-1879	KRISTALLE	65570	NI	10- 735	KERN-MESSG.	40520	TOERNQVIST NA	1- 540	MASER,LASER	28020	
LV	10- 701	PHYS.OPTIK	29050	TISNEK WC	2-1678	KRISTALLE	65574	T	2-2494	FK-SPEKTREN	73335	
VS	1- 354	HYDRODYNAM.	23030	TITONE	4-1935	KRIST.FEHL.	66035		9-1303	MOLEKUELE	52534	
TIKOCHINSKY Y	11-1077	KERNSPEKTR.	42550		9-1372	MOLEKUELE	52575		12- 574	HF-TECHNIK	27560	
TIKTOPOULOS G	2- 142	QUANTENTHEO	16588	TITANOV AF	3-2741	KOSM.STRLG.	90630	TOET D	8- 944	STARKE WW.	41725	
	6- 136	QUANTENTHEO	16578		3-2742	KOSM.STRLG.	90630	DZ	10- 903	STARKE WW.	41725	
	10- 217	QUANTENTHEO										

TOHSAKI A	2- 800	STARKE WW.	41735	TOMASINI A	11-1094	KERNSPEKTR.	42555	TORQUET R	5- 370	AKUSTIK	2357
TOISEVA MN	5-2790	GRENZFL.FK	74576	TOMASINI G	3- 854	STARKE WW.	41764	TORIKAI Y	3-1581	FLUESSIGK.	5854
TOIT DU ZB	8-1125	KERNSPEKTR.	42545		11- 797	STARKE WW.	41725	TORIYAMA K	5-1501	MOLEKUELE	5254
TOJO T	6- 560	KERN-MESSG.	40518		11- 847	STARKE WW.	41740		5-1502	MOLEKUELE	5254
	8-1267	K-REAKTOREN	43520	TOMBAK MI	9-2603	OPT.EIG.FK	73640	TORNEY Y	6-1571	GASENTLADG.	5784
TOKAR M	12-2561	MAGN.EIG.FK	69045	TOMBALAKIAN AS	12-2002	FLUESSIGK.	58546	TORNEY FL	5- 755	KERN-MESSG.	4057
	2- 124	QUANTENTHEO	16578	TOMBRELO TA	1-1252	KERNREAKTIO	43075	TORNIELLI G	3-1045	KERNREAKTIO	4305
	SS 2- 127	QUANTENTHEO	16578		1-1258	KERNREAKTIO	43075	TORNOW W	4-1214	KERNREAKTIO	4304
	4- 973	STARKE WW.	41750		4-1270	KERNREAKTIO	43075		8- 756	KERN-MESSG.	4051
TOKAREV LG	3-1451	PLASMA	57270		6- 914	KERNSPEKTR.	42535	TORO TI	2- 155	QU.FELDTHEO	1701
TOKARSKI MJ	12- 699	OPT.INSTRUM	28570		7-1054	KERNSPEKTR.	42535	TORO DI M	10-1072	KERNSPEKTR.	4254
TOKATLY VI	11-1700	PLASMA	57045		7-1221	KERNREAKTIO	43075	TOROK EJ	9-2111	MAGN.EIG.FK	6903
TOKITA N	9-1418	POLYMERE	53542		10-1298	KERNREAKTIO	43075		11-3123	DUENNE SCHI	7405
TOKIWANO K	3-2509	FK-SPEKTREN	73325		11-1045	KERNSPEKTR.	42540	TOROP L	10-1231	KERNREAKTIO	4304
TOKONAMI M	2-1711	KRISTALLE	65586		12-1145	KERNSTRUKT.	42010	TOROPIN SI	7-1971	MECH.EIG.FK	6651
TOKTAROV KA	10- 996	STARKE WW.	41780	TOMCHUK E	7-1311	ATOME	52030		12- 386	MECHANIK	2203
TOKUHIRO T	5-1359	MOLEKUELE	52512	PM	2-2324	HALBLEITER	71520	TOROPKOV NA	1- 764	BESCHLEUNIG	4104
TOKUMARU Y	2-2441	PHOTOLEITG.	72510		9-2195	LEITFHGK.FK	70056	TOROPOV AK	4- 680	OPT.INSTRUM	2854
	8-2405	HALBLEITER	71540	TOMIE Y	4-1892	KRISTALLE	65586	TOROSYAN OS	1-1595	PLASMA	5704
	2- 929	KERNSTRUKT.	42075		4-1893	KRISTALLE	65586	TORR DG	5-2850	IONOSPHERE	9105
TOKUNAGA A	2- 930	KERNSTRUKT.	42075	TOMIKI T	1-2499	FK-SPEKTREN	73330		6-2830	IONOSPHERE	9105
	3- 955	KERNSPEKTR.	42560		6-2513	FK-SPEKTREN	73320	MR	5-2850	IONOSPHERE	9105
	11-1001	KERNSTRUKT.	42075		10-2558	FK-SPEKTREN	73320		6-2830	IONOSPHERE	9105
	2-1955	THERMEIG.FK	67595	TOMILIN IA	12-2875	FK-SPEKTREN	73320	TORRANCE KE	3- 639	PHYS.OPTIK	2906
	2-1956	THERMEIG.FK	67595	TOMIMASU T	9-2026	THERMEIG.FK	67550		8- 738	PHYS.OPTIK	2906
	12-2116	KRISTALLE	65530		2-1134	KERNSTRHLG.	44020	TORRANCE JR. J.B.	10-2643	FK-SPEKTREN	7336
	3- 671	KERN-MESSG.	40518		4-1319	KERNSTRHLG.	44020		1- 372	HYDRODYNAM.	2356
	5- 732	KERN-MESSG.	40518	TOMINAGA G	7- 758	KERN-MESSG.	40518	TORRE C	4- 602	HF-TECHNIK	2756
TOKUOKA T	5-2043	MECH.EIG.FK	66540		6- 81	VAKUUM	13030	JP	4- 607	HF-TECHNIK	2756
	8- 360	ELASTIZIT.	22520		7-2644	GRENZFL.FK	74535	TORRE DELLA E	10- 477	ELEKTIZIT.	2603
TOKUYAMA T	4-2569	DUENNE SCHI	74030		11-1592	MOLEKUELE	52575	TORRENCE RJ	7- 272	FELDTHEORIE	1804
TOLAR J	12-1071	STARKE WW.	41753	TOMITA K	12-2583	MAGN.EIG.FK	69060	TORRENS IM	3-1827	KRIST.FEHL.	6606
TOLBERT DD	2-1048	KERNREAKTIO	43054		3-2923	KOSH.PHYSIK	94586		5- 150	QUANTENTHEO	1652
TOLDIN VA	12-2349	MECH.EIG.FK	66518		2-1710	KRISTALLE	65584	TORRES V. G	6-1806	KRISTALLE	6551
TOLEDO PIZA DE A.F.R.	2-1002	KERNREAKTIO	43008	TOMIYASU K	2-1711	KRISTALLE	65586	TORRIE BH	5-2247	MAGN.EIG.FK	6903
	12-1351	KERNREAKTIO	43050	TOMKINS F	9- 488	MASER,LASER	28030	TORSTI J	5-2024	MECH.EIG.FK	6651
TOLHOEK HA	6- 665	ELEMENTART.	41540		7-1313	ATOME	52030		5-2809	KOSH.STRLG.	9060
TOLKACHEVA OA	8-1745	FLUESSIGK.	58525	TOMKORIA BN	7-2694	ERDKOERPER	90260	TORYUND P	4-1122	KERNSPEKTR.	4256
TOLL JS	3- 167	QU.FELDTHEO	17010	TOMLINSON JL	9-1699	FLUESSIGK.	58565	TOSAKA T	10- 403	AKUSTIK	2352
TOLLEMER F	6-1854	KRISTALLE	65584		5-1186	KERNREAKTIO	43092	TOSCHEK P	8-1544	PLASMA	5701
TOLLER M	5- 885	STARKE WW.	41725		8-2745	LUFTHUELLE	90810	TOSCHEV S	3-1615	KRISTALLE	6551
	8- 177	QUANTENTHEO	16516		RG 3-1468	GASENTLADG.	57815		9-1744	KRISTALLE	6551
	10- 220	QUANTENTHEO	16578		RH 2-1092	KERNREAKTIO	43092	TOSCHINSKI H	11-1011	KERNSPEKTR.	4251
	10- 228	QUANTENTHEO	16582		4-1117	KERNSPEKTR.	42555	TOSHICH BS	2-2229	LEITFHGK.FK	7005
	11- 874	STARKE WW.	41755		WJ 4- 632	MASER,LASER	28055		10-2680	FK-SPEKTREN	7338
TOLLESTRUP AV	1- 884	STARKE WW.	41745		8- 597	MASER,LASER	28055	TOSI L	1-2492	FK-SPEKTREN	7333
TOLLIN G	4- 667	OPT.INSTRUM	28530		10- 591	MASER,LASER	28055		6-2543	FK-SPEKTREN	7333
TOLMACH IM	3-1364	PLASMA	57045	TOMOKIYO A	9-2017	THERMEIG.FK	67520	MP	5-1356	MOLEKUELE	5251
TOLMACHEV AM	1- 570	MASER,LASER	28050	TOMOZO Y	12-2926	FK-SPEKTREN	73330		9-2164	LEITFHGK.FK	7001
	12-1485	ATOME	52010	TOMOZAWA Y	2- 732	ELEMENTART.	41566	TOSIMA S	1-2364	HALBLEITER	7154
	12-1486	ATOME	52010	TOMOZOV VM	8-2955	KOSH.PHYSIK	94500		4-2354	HALBLEITER	7154
	VI 2- 686	BESCHLEUNIG	41040		3- 850	STARKE WW.	41764	TOSO LW	4-2342	HALBLEITER	7154
	VV 11- 224	STATISTIK	17566	TOMPA K	4-2087	FK-SPEKTREN	73370	TOSSEY A	10-2815	GRENZFL.FK	7455
	11- 225	STATISTIK	17566		5-2164	FK-SPEKTREN	73370	TOTHA A	10- 758	KERN-MESSG.	4058
	YA 4-1394	PLASMA	57010		8- 121	LABORTECHN.	12530	F	4-2087	FK-SPEKTREN	7337
TOLMACHEVA OA	9-2059	DIELEKTRIKA	68030	TOMPKINS DR	8- 178	QUANTENTHEO	16516		5-2164	FK-SPEKTREN	7337
	10-2217	DIELEKTRIKA	68030		12- 184	QUANTENTHEO	16516	G	8- 121	LABORTECHN.	1253
TOLMAN CH	2-2618	DUENNE SCHI	74050		3-2674	GRENZFL.FK	74535		5- 104	VAKUUM	1302
	5-2728	DUENNE SCHI	74050	TOMPSETT MF	9-2685	GRENZFL.FK	74535		6- 67	VAKUUM	1301
TOLOMASOV VA	11-3065	DUENNE SCHI	74010		1-2608	DUENNE SCHI	74020	K	9- 969	KERNSPEKTR.	4256
	12-3170	DUENNE SCHI	74010	TOMSHIC RT	11-3486	HOEREN	96310	KS	10- 827	ELEMENTART.	4151
TOLPAROV YN	8-2531	FK-SPEKTREN	73355	TOMURA M	2-1765	KRIST.FEHL.	66030		2- 974	KERNSPEKTR.	4256
TOLPYGO KB	2-1762	KRIST.FEHL.	66030		6-2588	OPT.EIG.FK	73635		6- 981	KERNSPEKTR.	4256
	2-1966	DIELEKTRIKA	68020	TOMUSIAK EL	2- 108	QUANTENTHEO	16533		8-1151	KERNSPEKTR.	4256
	3-2502	FK-SPEKTREN	73325		3- 889	KERNSTRUKT.	42050		11-1157	KERNSPEKTR.	4257
	7-2199	LEITFHGK.FK	70022	TONAMI H	4-1568	POLYMERE	53535		11-1334	KERNREAKTIO	43085
	7-2227	LEITFHGK.FK	70053	TONDELLO G	10-1651	PLASMA	57020	TOTIA M	5-1216	KERNSTRHLG.	4401
TOLSTOI MN	5-1764	FLUESSIGK.	58530		10-1652	PLASMA	57020		8-2151	MAGN.EIG.FK	69010
	6-2593	OPT.EIG.FK	73635	TONDON PK	3-1516	GASE	58025		10-2232	MAGN.EIG.FK	69010
	7-2432	FK-SPEKTREN	73325		10-1789	GASE	58040		11-2305	MAGN.EIG.FK	69010
	NA 1-2253	LEITFHGK.FK	70076	TONEEV VD	11-1295	KERNREAKTIO	43060	TOTSKY IA	4-1225	KERNREAKTIO	43046
	8-2592	OPT.EIG.FK	73625	TONER WT	4- 912	ELEMENTART.	41574	TOTSUKA Y	3- 870	STARKE WW.	41780
	12-3133	OPT.EIG.FK	73640		10- 968	STARKE WW.	41760	TOTZEK D	1-1081	KERNSPEKTR.	42550
TOLSTOLUTSKY A.G.				TONG DA	10-2047	KRIST.FEHL.	66062	TOUTART CN	4-2733	LUFTHUELLE	9085
	9-1379	MOLEKUELE	52575		4-1561	MOLEKUELE	52550	TOUCHE J	6-1557	PLASMA	5726
TOLSTOV KD	6- 881	KERNSTRUKT.	42030		8- 557	HF-TECHNIK	27560	TOUGH JT	7- 113	VAKUUM	1303
TOLSTOV I	4-2730	LUFTHUELLE	90840	TONIETTI T	10- 177	QUANTENTHEO	16526		7-1693	FLUESSIGK.	58525
TOLUTIS V	8-2637	DUENNE SCHI	74010	TONIN M	10- 159	QUANTENTHEO	16516	TOULOTTE JM	7- 60	MESSEN	12250
	11-3068	DUENNE SCHI	74010	TOKONOGOV MP	7-1760	FLUESSIGK.	58562	TOULOU AV	1- 549	MASER,LASER	28035
	12-3185	DUENNE SCHI	74020	TOKOV EY	2-1946	THERMEIG.FK	67550	TOULOUSE G	5-2224	MAGN.EIG.FK	69020
TOMA SZ	3-1229	MOLEKUELE	52536	MV	6- 60	LABORTECHN.	12530		6-1909	KRIST.FEHL.	66030
	3-2594	OPT.EIG.FK	73625		6-1761	FLUESSIGK.	58573		7-1965	KRIST.FEHL.	66076
	4-2510	OPT.EIG.FK	73640		7-1775	FLUESSIGK.	58573		11-2061	KRISTALLE	65588
TOMAN K	3-2826	IONOSPHERE	91050	TONKS L	5- 11	BIOGRAPHIEN	10220	TOUNBEY G	1-1189	KERNREAKTIO	43026
	12-2171	KRISTALLE	65572	TONNER KF	6-2863	SONNENPHYS.	93300	TOUNSI A	12-1047	STARKE WW.	41740
	12-2172	KRISTALLE	65572	TONNING A	1- 320	ELASTIZIT.	22530	TOURANCHEAU J	6-1694	FLUESSIGK.	58546
TOMANDL G	2-1542	FLUESSIGK.	58530	TOMMURA A	5-2376	LEITFHGK.FK	70056		6-1695	FLUESSIGK.	58546
	9-2137	MAGN.EIG.FK	69060		9- 587	OPT.INSTRUM	28570	TOURE S	4- 179	MATH.PHYSIK	16020
TOMAS M	3- 779	STARKE WW.	41710	TONON G	7-1514	PLASMA	57023	TOUREILLE A	5-2457	HALBLEITER	71520
	4- 969	STARKE WW.	41745	TOOKE AD	9-2523	FK-SPEKTREN	73370	TOURNARIE M	9-1779	KRISTALLE	65570
	6- 750	STARKE WW.	41710	CC	7-2392	PHOTOLEITG.	72510	TOURNAYAN L	7-2658	GRENZFL.FK	74535
	2-1025	KERNREAKTIO	43042	TOOMBS PAB	11-3156	GRENZFL.FK	74520	TOURNIER R	8-2093	THERMEIG.FK	67510
	8-1202	KERNREAKTIO	43044		J 8-1595	PLASMA	57045		10-2315	MAGN.EIG.FK	69060
	10-1224	KERNREAKTIO	43044	TOOR A	8-2981	KOSH.PHYSIK	94540	TOURNOIS P	1- 310	ELASTIZIT.	22500
	11- 938	KERNSTRUKT.	42010	TOOTHACKER WS	2-1673	KRISTALLE	65572		2- 301	AKUSTIK	23510
YK 3- 14	BIOGRAPHIEN	10220			4-1883	KRISTALLE	65572		4- 454	AKUSTIK	23540
TOMAS MAGOS MC	4-1507	MOLEKUELE	52528	TOOTS J	3-2482	FK-SPEKTREN	73320	TOURREIL DE R	6- 875	KERNSTRUKT.	42020
TOMASCH WJ	10-2497	HALBLEITER	71570	TOPIA V	8-1951	KRIST.FEHL.	66030		6- 876	KERNSTRUKT.	42020
TOMASCHKE ME	4-1724	GASENTLADG.	57815	TOPERCZER J	7-2622	KRISTALLE	65578		12- 851	KERN-MESSG.	40582
TOMASEK M	2-2179	LEITFHGK.FK	70010	TOPORETS AS	8- 746	PHYS.OPTIK	29083	TOUSCHEK B	5- 815	ELEMENTART.	41560
	10-2342	LEITFHGK.FK	70010		10- 697	PHYS.OPTIK	29045	TOUSEY R	4-2820	SONNENPHYS.	93316
	10-2347	LEITFHGK.FK	70010		10- 710	PHYS.OPTIK	29060		7- 16	BIOGRAPHIEN	10220
TOMASELLI G	3- 943	KERNSPEKTR.	42550	TOPPER T	5-2030	MECH.EIG.FK	66516	TOUSIGNANT B	3-1648	KRISTALLE	65545
	7-1197	KERNREAKTIO	43054	TOPTIGIN IN	6-2770	KOSH.STRLG.	90600	TOUSSET J	8-1231	KERNREAKTIO	43068
	4-1051	KERNSTRUKT.	42060	TOPTYGIN IN	3-2747	KOSH.STRLG.	90630		12-1452	KERNSTRHLG.	44030
TOMASHEV GB	11- 652	BESCHLEUNIG	41010								

WVSTYUK	KD	7-2312 HALBLEITER	71520	TREFIL	JS	1- 935 STARKE WW.	41760	TRIVEDI	R	3-1863 MECH.EIG.FK	66512
WVTIN	EV	11- 843 STARKE WW.	41740			5- 853 STARKE WW.	41700	TRIVELPIECE	AW	1-1621 PLASMA	57055
WNER	LK	9- 398 THERMODYN.	24510			7- 881 ELEMENTART.	41574			6-1518 PLASMA	57090
WLE	JH	1-1043 KERNSPEKTR.	42545	TREILOV	VI	3-1808 KRIST.FEHL.	66035	TRIVISONNO	J	3-1868 MECH.EIG.FK	66514
		10-1063 KERNSPEKTR.	42530			4-2196 MAGN.EIG.FK	69065	TRNKA	J	1-2461 FK-SPEKTREN	73320
	LC	1-1927 MECH.EIG.FK	66516			11-2185 MECH.EIG.FK	66545			8-1734 FLUESSIGK.	58520
		2-2317 HALBLEITER	71520	TREFLER	M	9-1257 MOLEKUELE	52512			9-2383 FK-SPEKTREN	73320
WNNEND	R	7-2018 MECH.EIG.FK	66550	TREGO	AL	9-2134 MAGN.EIG.FK	69050	TROC	R	6-2268 MAGN.EIG.FK	69050
WNER	IS	8-1541 POLYMERE	53546	TREHAN	PN	3- 965 KERNSEKTR.	42560			8-2201 MAGN.EIG.FK	69060
		1-1178 KERNREAKTIO	43014		SK	7-1565 PLASMA	57080			9-2131 MAGN.EIG.FK	69050
		6- 888 KERNSTRUKT.	42070			12-1779 PLASMA	57095			9-2132 MAGN.EIG.FK	69050
WNNES	RJ	10-2287 MAGN.EIG.FK	69040	TREHERNE	J	2- 986 KERNSPEKTR.	42565	TRODDEN	WG	3-2459 PHOTOLEITG.	72510
	CH	5- 688 PHYS.OPTIK	29045			4-1141 KERNSPEKTR.	42565	TROFIMENKOFF	N.N.		
		7-2512 FK-SPEKTREN	73380			5-1084 KERNSPEKTR.	42565			2- 843 STARKE WW.	41753
		10- 611 MASER,LASER	28060	TREICHLER	W	10-1153 KERNSPEKTR.	42565			11- 715 ELEMENTART.	41546
WNNSEND	DW	11-2809 FK-SPEKTREN	73300	TREILLE	D	5-2682 OPT.EIG.FK	73670			11- 897 STARKE WW.	41760
	MB	7-2021 MECH.EIG.FK	66550			4- 915 ELEMENTART.	41574	TROFIMOV	IL	6-2754 GEOMAGNET.	90400
		10-2574 FK-SPEKTREN	73325	TREIMAN	S	12- 974 ELEMENTART.	41578		VA	12- 89 UNTERRICHT	12035
		10-2578 FK-SPEKTREN	73325			4- 857 ELEMENTART.	41510	TROFIMOVA	TI	10-2383 LEITFHKG.FK	70053
		12-2590 MAGN.EIG.FK	69065			4- 861 ELEMENTART.	41530		TN	10-2511 PHOTOLEITG.	72500
	PD	5-2770 GRENZFL.FK	74540			8- 833 ELEMENTART.	41510			11-1942 FLUESSIGK.	58565
		7-1951 KRIST.FEHL.	66065		SB	1- 876 STARKE WW.	41740			11-1945 FLUESSIGK.	58570
WNNSEND JR. R.L.						6- 662 ELEMENTART.	41540		VA	11- 501 OPT.INSTRUM	28535
		5-2294 MAGN.EIG.FK	69070			10- 217 QUANTENTHEO	16578	TROITSKAYA	AG	10-1143 KERNSPEKTR.	42560
WKEN	AM	11-2041 KRISTALLE	65584			11- 125 QUANTENTHEO	16578		NY	12-3183 DUENNE SCHI	74020
WYABE	T	12-2940 FK-SPEKTREN	73345	TREINER	C	11- 705 ELEMENTART.	41546		V	11-3235 GEOMAGNET.	90450
WYAMA	H	10-1739 PLASMA	57250	TREININ	A	6-1740 FLUESSIGK.	58565		VA	11-3236 GEOMAGNET.	90450
WYODA	A	4-1010 STARKE WW.	41764	TREITEL	S	7-1899 KRIST.FEHL.	66030			2-2727 GEOMAGNET.	90450
	F	1- 946 STARKE WW.	41760	TREITUS	EB	6-2747 ERDKOERPER	90240			4-2692 GEOMAGNET.	90450
		8-1023 STARKE WW.	41760	TREKHOV	ES	6-1782 KRISTALLE	65510			8-2731 GEOMAGNET.	90450
	H	10- 975 STARKE WW.	41760			1-1424 ATOME	52065			8-2812 IONOSPHERE	91074
		3- 656 PHYS.OPTIK	29080			7-1560 PLASMA	57075	TROITSKI	MA	11- 980 KERNSTRUKT.	42070
		5-2121 THERMEIG.FK	67530			8-1571 PLASMA	57023	TROITSKII	OA	3-1840 KRIST.FEHL.	66065
		6-2150 DIELEKTRIKA	68020			9-1592 GASENTLADG.	57860		YV	10- 567 MASER,LASER	28040
		7-2548 OPT.EIG.FK	73610			11-1814 GASENTLADG.	57810	TROITSKY	MA	1- 994 KERNSTRUKT.	42050
		8-2579 OPT.EIG.FK	73605	TRELA	WJ	4-1768 FLUESSIGK.	58527			6- 905 KERNSPEKTR.	42510
		9-2055 DIELEKTRIKA	68020	TRELEAS	S	10-1447 ATOME	52065		VS	8-2911 PLANETEN	93640
		9-2062 DIELEKTRIKA	68030	TREMBACH	VM	6-1857 KRISTALLE	65584	TROITZKAYA	VA	4-2691 GEOMAGNET.	90450
	K	9- 536 MASER,LASER	28055	TREMBLAY	JR	12-2242 KRIST.FEHL.	66025			9-2733 GEOMAGNET.	90450
	T	4- 181 QUANTENTHEO	16516		R	11- 540 PHYS.OPTIK	29030	TROITZKY	BY	9-2817 MAGNETOSPH.	91230
WYOTA	H	9- 266 MECHANIK	22036	TRENDELENBURG	E.A.			TROJAN	OA	1-1156 KERNSPEKTR.	42575
	Y	2-2335 HALBLEITER	71520			5- 108 VAKUUM	13025	TROJANAR	E	11-2643 SUPRALEITG.	70530
WYOZAWA	Y	1-2187 LEITFHKG.FK	70053	TRENT	P	8-2377 HALBLEITER	71520			12- 119 LABORTECHN.	12530
		1-2438 FK-SPEKTREN	73300	TREPAUD	P	3- 305 HYDRODYNAM.	23020			12-2695 SUPRALEITG.	70540
		3-2195 LEITFHKG.FK	70022	TRESTER	S	12-2798 HALBLEITER	71560	TROLINGER	JD	9-2693 GRENZFL.FK	74560
		3-2196 LEITFHKG.FK	70022	TRETYAK	AI	11-2118 KRIST.FEHL.	66035	TROLLE	U	5-1809 FLUESSIGK.	58565
		8-2443 FK-SPEKTREN	73300	TRETYAKOV	DN	12-2813 HALBLEITER	71570	TROLLOPE	JR	2- 226 FELDTHEORIE	18050
		9-1830 KRISTALLE	65588		EF	1-1121 KERNSPEKTR.	42560	TROMP	HRC	10-2627 FK-SPEKTREN	73355
		11-1797 PLASMA	57256			9- 951 KERNSPEKTR.	42545	TIRON	L	8-1163 KERNSPEKTR.	42565
WZER	BA	6-2878 PLANETEN	93600	TRETYAKOVA	MI	6- 847 STARKE WW.	41780	TIRONG	NY	5-1653 PLASMA	57020
	DC	7-2951 KOSH.PHYSIK	94586			7- 931 STARKE WW.	41735			9-2103 MAGN.EIG.FK	69030
WRABKA	EA	11- 538 PHYS.OPTIK	29015			11- 918 STARKE WW.	41783	TIRONKO	VD	3-2010 DIELEKTRIKA	68020
WRACH	HC	1-2758 IONOSPHERE	91020		SP	3-1091 KERNREAKTIO	43092	TIRONTELJ	Z	3-2037 FK-SPEKTREN	73370
WRACHTENBERG	I	4-1813 FLUESSIGK.	58565			8-1241 KERNREAKTIO	43085			10-1987 KRISTALLE	65584
WRACHESLIN	W	2-1050 KERNREAKTIO	43054			10-1245 KERNREAKTIO	43048	TROOSTER	JM	9-2075 MAGN.EIG.FK	69010
		6- 868 KERNSTRUKT.	42010	TREUIL	KL	12- 808 KERN-MESSG.	40525	TROPIN	YD	5-2801 GEOMAGNET.	90430
WRAEUBLE	H	10-2422 SUPRALEITG.	70520	TREUSCH	J	8-2498 FK-SPEKTREN	73340	TROPININ	VN	10-2666 FK-SPEKTREN	73370
		10-2423 SUPRALEITG.	70520	TREUTLER	O	5-2317 LEITFHKG.FK	70022			11- 347 THERMODYN.	24510
		12-2694 SUPRALEITG.	70540	TREVENA	DH	10- 913 STARKE WW.	41730	TROSHIN	AS	8- 590 MASER,LASER	28045
WRANIN	M	7-1366 ATOME	52075	TREVES	D	4-1799 FLUESSIGK.	58555		BI	6- 400 MASER,LASER	28040
WRAIL	CC	12-1257 KERNSPEKTR.	42560	TREVISAN	G	11-3145 DUENNE SCHI	74060			9- 534 MASER,LASER	28055
	RM	2- 352 THERMODYN.	24530	TREY DE	P	9-1844 KRIST.FEHL.	66025	TROSTENTSOVA	G.E.		
WRANINOR	JH	12- 803 KERN-MESSG.	40520	TREY DE	P	10-2427 SUPRALEITG.	70520			7-1430 MOLEKUELE	52538
	LEH	1-1737 FLUESSIGK.	58525	TREYTL	W	4-1151 KERNSPEKTR.	42570	TROSTIN	SS	1-2061 FK-SPEKTREN	73370
		7-1039 KERNSPEKTR.	42500		WJ	10-1159 KERNSPEKTR.	42570			5-1133 KERNREAKTIO	43040
		12-1955 FLUESSIGK.	58525	TRHAL	V	1- 463 ELEKTRIZIT.	26014	TROSTINA	KA	5- 977 STARKE WW.	41764
WRAJMAR	S	11-1450 ATOME	52070	TRIBOULET	R	10-2472 HALBLEITER	71530	TROTMAN	DICKENSON	A.F.	
WRACHTENBERG	I.S.					11-2046 KRISTALLE	65584			8- 33 BUECHER	11000
		11-2082 KRIST.FEHL.	66020	TRIC	C	5-1525 POLYMERE	53546	TROTSYUK	NI	2- 418 TEILCH.OPT.	27016
WRACHTENGERTS	V.Y.			TRICHE	H	5-1687 GASENTLADG.	57860	TROTT	E	6-1154 KERNSTRHLG.	44035
		2-2815 MAGNETOSPH.	91260	TRICKEY	SB	8- 307 STATISTIK	17560	TROTTA	R	3- 626 PHYS.OPTIK	29040
WRAMBOUZE	Y	7-2658 GRENZFL.FK	74535	TRICOIRE	M	5- 396 WAERME	24050	TROUP	G	3- 41 BUECHER	11010
WRAMER	A	5-2641 OPT.EIG.FK	73640	TRIER	A	10-1299 KERNREAKTIO	43075		GJ	11-2928 FK-SPEKTREN	73360
WRAMHILL	GT	8- 194 QUANTENTHEO	16523	TRIFONOV	ED	8- 590 MASER,LASER	28045	TROUSDALE	WL	10-2443 SUPRALEITG.	70550
WRAMPUZ	C	12-1413 K-REAKTOREN	43515		VI	11- 511 OPT.INSTRUM	28553	TROWBRIDGE	CW	10-1418 ATOME	52040
WRAN	NY	1-2510 FK-SPEKTREN	73380	TRIFTSHAEUSER	W.				EA	4- 372 ELASTIZIT.	22530
WRAN HA ANH		11- 842 STARKE WW.	41740			5-1888 FK-SPEKTREN	73310			4- 373 ELASTIZIT.	22530
WRAN MINH DUC		12-1452 KERNSTRHLG.	44030	TRIGT VAN	C	1-1407 PLASMA	57210	TROWER	WP	3- 808 STARKE WW.	41730
WRAN THANH VAN	J.					12-1489 ATOME	52020			12-1028 STARKE WW.	41730
		6- 782 STARKE WW.	41735	TRIGUNAYAT	GC	5-1926 KRISTALLE	65584	TROYAN	YA	3-1002 KERNREAKTIO	43005
		6- 814 STARKE WW.	41764	TRIKHA	SK	7-1270 KERNSTRHLG.	44010		F	4- 962 STARKE WW.	41740
		11- 822 STARKE WW.	41735	TRILLAT	JJ	5-1928 KRISTALLE	65584			7-1613 PLASMA	57260
						7-2596 DUENNE SCHI	74020			10-1752 PLASMA	57279
WRAN TRONG GIEN				TRILLING	R	11-3137 KERNREAKTIO	43070	TROZZOLO	AM	5-2257 MAGN.EIG.FK	69040
WRAON LE	A	8-2137 DIELEKTRIKA	68030	TRIMBLE	GD	1-1304 KERNSTRHLG.	44010	TROBATCH	J	2- 168 QU.FELDTHEO	17025
	F	8-2137 DIELEKTRIKA	68030		VL	8-2951 STERNE	94060		S	2- 168 QU.FELDTHEO	17025
WRAPEZNIKOV	VA	11- 501 OPT.INSTRUM	28535	TRIMMIER	JR	7-1643 GASENTLADG.	57880	TRUBCHANINOV	F.M.		
WRAPEZNIKOVA	O.N.			TRINAJSTIC	N	8-1402 MOLEKUELE	52516			1-1437 ATOME	52060
		5-1342 MOLEKUELE	52500	TRINDLE	CO	3-1258 MOLEKUELE	52562	TRUBNIKOV	BA	8-1680 PLASMA	57263
		6-1281 MOLEKUELE	52516	TRINES	D	12- 965 ELEMENTART.	41574			11-1663 PLASMA	57017
WRAPP	G	1- 984 KERNSTRUKT.	42020	TRINITE	M	1- 454 THERMODYN.	24554	TRUBYATCHINSKII	N.N.	4-2679 GEOMAGNET.	90430
		4-1048 KERNSTRUKT.	42040			12- 434 HYDRODYNAM.	23030			4- 572 HF-TECHNIK	27530
WRAPPENIERS	NJ	6-2579 OPT.EIG.FK	73605	TRINKAUS	A	7-1426 MOLEKUELE	52538	TRUE	RM	10-1066 KERNSPEKTR.	42540
WRASK	NJ	7-2879 PLANETEN	93640	TRINKS	U	12- 859 KERN-MESSG.	40560		WW	11-1143 KERNSPEKTR.	42570
WRAUB	W	7-1310 ATOME	52030	TRINQUIER	J	5- 503 TEILCH.OPT.	27030	TRUEBLOOD	DL	4-2112 FK-SPEKTREN	73355
WRAUGOTT	SC	12- 752 PHYS.OPTIK	29063			6- 362 TEILCH.OPT.	27030	TRUELOVE	JS	6-1081 KERNREAKTIO	43064
WRAUTHAN	A	4- 267 QU.FELDTHEO	17015	TRIPATHI	RS	3-2271 SUPRALEITG.	70520			10-1277 KERNREAKTIO	43060
		4- 313 FELDTHEORIE	18000	TRIPATHY	DN	7-2190 LEITFHKG.FK	70010			10-1278 KERNREAKTIO	43060
		12- 12 BIOGRAPHIEN	10215		KC	2- 705 ELEMENTART.	41546	TRUEMAN	TL	11-1289 KERNREAKTIO	43060
WRAVINA	NT	5-2033 MECH.EIG.FK	66516			3- 738 ELEMENTART.	41546		J	2- 135 QUANTENTHEO	16582
	TS	12-3101 OPT.EIG.FK	73605			3- 828 STARKE WW.	41753	TRUEMPEP		2-2758 KOSH.STRLG.	90630
WRAVIS	DN	12-1432 K-REAKTOREN	43520			5- 932 STARKE WW.	41753		M	2- 215 FELDTHEORIE	18042
		1-1470 MOLEKUELE	52526			5- 933 STARKE WW.	41753	TRUJILLO	SM	10-1578 MOLEKUELE	52575
WREACY	PB	2-1053 KERNREAKTIO	43054			8- 991 STARKE WW.	41753			1-2403 HALBLEITER	71570
		9-1078 KERNREAKTIO	43080	TRIPP	JH	1-2654 GRENZFL.FK	74555	TRUKAN	MK	1-2552 OPT.EIG.FK	73620
WREADO	PA	10-1270 KERNREAKTIO	43056			7-2207 LEITFHKG.FK	70024			2-2612 DUENNE SCHI	74040
WREANOR	PJ	2-2819 ASTROPHYSIK	93020		RD	1- 964 STARKE WW.	41773			2-2613 DUENNE SCHI	74040
WREAT	RP	4- 260 QU.FELDTHEO	17010			1					

TRUNOV	NN	12-1343	KERNREAKTIO	43046	TSIRLIN	YA	3-2579	OPT.EIG.FK	73655	TSYTOVICH	VN	2-1401	PLASMA	5708
	VA	10- 736	KERN-MESSG.	40527			4- 775	KERN-MESSG.	40503			3-1423	PLASMA	5707
TRUDEL	P	2- 946	KERN-SPEKTR.	42540			6-2604	OPT.EIG.FK	73650			5-1576	PLASMA	5705
		2- 957	KERN-SPEKTR.	42545			6-2605	OPT.EIG.FK	73650			6-1483	PLASMA	5701
TRURAN	JW	5-2927	STERNE	94050			8- 759	KERN-MESSG.	40518			7-1577	PLASMA	5708
TRUSIEWICZ	W	10- 734	KERN-MESSG.	40518			11- 604	KERN-MESSG.	40538			8-1558	PLASMA	5701
TRUSILLO	SV	4-1108	KERN-SPEKTR.	42550			11-3043	OPT.EIG.FK	73650			11-1752	PLASMA	5708
		6-1076	KERNREAKTIO	43056			12- 790	KERN-MESSG.	40518			12-3389	SONNENPHYS.	9331
TRUSOV	LI	6-2343	LEITFHOK.FK	70065	TSIRULNIK	PA	8-2427	HALBLEITER	71585	TSYTOVITCH	VN	11-3362	SONNENPHYS.	9331
	VF	1-1362	ATOME	52040	TSISLYAK	ON	5- 888	STARKE WW.	41725	TSYUTSYURA	DI	7-2324	HALBLEITER	7152
		12-1292	KERN-SPEKTR.	42570	TSIVINSKII	SV	2-1613	KRISTALLE	65510			11-2697	HALBLEITER	7153
	VV	11-2861	FK-SPEKTREN	73325	TSIVINSKY	SV	2-2302	METAL.LEITO	71010	TUAN	DFT	1- 161	QUANTENTHEO	1653
		11-2878	FK-SPEKTREN	73330	TSKHAKAYA	DD	3-2262	LEITFHOK.FK	70065		SF	8- 871	ELEMENTART.	4154
TRUSOVA	NN	6-2490	THERMOLEKT	72010	TSOK	OE	11- 334	WAERME	24040			8- 994	STARKE WW.	4175
		9-2181	LEITFHOK.FK	70028	TSONG	TT	3-1689	KRISTALLE	65578			12- 915	ELEMENTART.	4154
TRUSTY	GL	4- 637	MASER,LASER	28055			7-2674	GRENZFL.FK	74573		ST	12-1321	KERNREAKTIO	4303
TRUTIA	A	12-1612	MOLEKUELE	52526			12-3225	GRENZFL.FK	74520	TUBA	IS	5- 290	ELASTIZIT.	2252
	E	10-1309	KERNREAKTIO	43080	TSOUCARIS	G	5-2623	FK-SPEKTREN	73380			8- 356	ELASTIZIT.	2252
TRYKOV	LA	2-1119	K-REAKTOREN	43540	TSU	R	1-2468	FK-SPEKTREN	73325	TUBAYEV	YM	9-1547	ATOME	52061
		4- 791	KERN-MESSG.	40518			7-2228	LEITFHOK.FK	70056	TUBBS	EF	8- 89	UNTERRICHT	1205
TRYLSKI	J.	2-2202	HALBLEITER	71563	TSUBOI	T	9-1865	KRIST.FEHL.	66025		LD	2-1243	MOLEKUELE	5252
TRYON	EP	10- 883	STARKE WW.	41710			12-2262	KRIST.FEHL.	66030	TUBIS	A	12-1009	STARKE WW.	4172
TRZHISKOVA	L	10-2933	IONOSPHAERE	91060	TSUCHIDA	A	5-2589	FK-SPEKTREN	73330	TUCKHEVICH	VM	2-2532	FK-SPEKTREN	7332
TSAI	CS	7- 364	AKUSTIK	23570		T	6- 667	ELEMENTART.	41540			3-2361	HALBLEITER	7151
		8- 714	PHYS.OPTIK	29040	TSUCHIMORI	N	8-1679	PLASMA	57256			4-2455	FK-SPEKTREN	7333
	SY	1- 166	QUANTENTHEO	16533	TSUCHIYA	A	12-3387	SONNENPHYS.	93312			5-2460	HALBLEITER	7152
		2- 716	ELEMENTART.	41546	TSUDA	N	4-2026	GITTERDYN.	67060			9-2553	OPT.EIG.FK	7360
		6- 668	ELEMENTART.	41540			9-1972	GITTERDYN.	67060			12-2635	LEITFHOK.FK	7002
		8- 886	ELEMENTART.	41566			10-2502	HALBLEITER	71570			12-2813	HALBLEITER	7157
		12- 911	ELEMENTART.	41520		T	4-1645	PLASMA	57055	TUCK	AF	7- 423	THERMODYN.	2455
	YM	8- 364	ELASTIZIT.	22530			7-2819	MAGNETOSPH.	91280		B	9-2594	OPT.EIG.FK	7364
		11- 266	ELASTIZIT.	22530	TSUEI	CC	5-1889	FK-SPEKTREN	73310		JL	12-2630	LEITFHOK.FK	7002
TSAKADZE	DS	4- 912	ELEMENTART.	41574	TSUOE	S	10-1771	BASE	58010	TUCKER	AJ	10-1748	PLASMA	5726
		8-1747	FLUESSIGK.	58527	TSUGUE	MM	12- 275	QU.FELDTHEO	17010		JW	7-2734	LUFTHUELLE	9081
	JS	12-1965	FLUESSIGK.	58527	TSUGULEA		6-2345	LEITFHOK.FK	70072			4-2033	GITTERDYN.	6706
TSAL	NA	3-2288	SUPRALEITO.	70520	TSUI	DC	8-2251	LEITFHOK.FK	70024			5-2112	THERMEIG.FK	6751
		2-1763	KRIST.FEHL.	66030			12-2620	LEITFHOK.FK	70024		MJ	9-2713	ERDKOERPER	9026
TSANG	L	4-2504	OPT.EIG.FK	73670			12-2620	LEITFHOK.FK	70024		R	9- 710	BESCHLEUNIG	4102
	T	12-3315	LUFTHUELLE	90815		RTC	3-1960	GITTERDYN.	67070		RP	4-1952	KRIST.FEHL.	6606
		1-2027	DIELEKTRIKA	68030			3-1961	GITTERDYN.	67070		TC	12-1459	ATOME	5201
		2-1976	DIELEKTRIKA	68030			10-2078	KRIST.FEHL.	66079		W	6-2956	KOSM.PHYSIK	9454
		5-2177	FK-SPEKTREN	73370	TSUJI	K	4-1321	KERNSTRHLG.	44020		WE	1-1206	KERNREAKTIO	4304
		9-2517	FK-SPEKTREN	73370		M	2-1916	GITTERDYN.	67060		WH	6-2957	KOSM.PHYSIK	9454
TSANTES	E	12-3033	FK-SPEKTREN	73370			11-2589	LEITFHOK.FK	70072	TUCKER JR.	CW	11-3437	KOSM.PHYSIK	9454
		8-2546	FK-SPEKTREN	73360		T	2-2863	STERNE	94020			2-1849	GRENZFL.FK	7452
TSAO	CH	3- 871	STARKE WW.	41783			2-2866	STERNE	94020			6-2707	GRENZFL.FK	7453
TSAPLINE	CW	6-1354	MOLEKUELE	52575	TSUJIKAWA	H	5-1759	FLUESSIGK.	58530	TUCZEK	H	8-1684	PLASMA	5727
TSARAPAEVA	EI	2-1288	MOLEKUELE	52585		I	12-2580	MAGN.EIG.FK	69060	TUDORIC	GHEMO J.	9-1030	KERNREAKTIO	4304
TSAREGRADSKII	V.B.	5-2578	FK-SPEKTREN	73325			12-2893	FK-SPEKTREN	73325	TUDOSE	C	8-1764	FLUESSIGK.	5854
		3-2508	FK-SPEKTREN	73325	TSUJIMOTO	T	2-1947	THERMEIG.FK	67550	TUERCK	D	1-1195	KERNREAKTIO	4304
TSARENKOV	BV	1-2575	OPT.EIG.FK	73645			3-2365	HALBLEITER	71510	TUERCKAN	E	2-1115	K-REAKTOREN	4352
		2-1870	MECH.EIG.FK	66556			3-2589	OPT.EIG.FK	73645	TUERPE	DR	9-2042	THERMEIG.FK	6755
TSAREV	BM	7-2356	HALBLEITER	71566	TSUJITA	J	3-2622	DUEENNE SCHI	74010	TUFFIN	F	5-1305	ATOME	5207
		9-2689	GRENZFL.FK	74535			11-3405	STERNE	94025			6-1339	MOLEKUELE	5258
		11-3176	GRENZFL.FK	74535	TSUJIUCHI	J	2- 560	OPT.INSTRUM	28570			7-1476	MOLEKUELE	5258
		11-3187	GRENZFL.FK	74563	TSUKAHARA	S	3-2647	DUEENNE SCHI	74050	TUIJNMAN	CAF	7- 32	TABUNGEN	10530
		12-2297	KRIST.FEHL.	66062	TSUKAMOTO	A	8-1693	PLASMA	57093	TUJIWARA	T	12-2298	KRIST.FEHL.	6606
TSAREVSKY	VA	3- 766	ELEMENTART.	41574		N	5- 651	OPT.INSTRUM	28570	TUKHFATULLIN	A.A.	9-1827	THERMEIG.FK	6755
TSAREVSKY	GS	8- 634	OPT.INSTRUM	28530	TSUKERBLAT	BS	1-2473	FK-SPEKTREN	73325	TUKHTASUNOV	IT	4-2490	OPT.EIG.FK	73610
TSARITSINA	LG	6- 948	KERN-SPEKTR.	42550			8-2603	OPT.EIG.FK	73630	TUL	SK	6- 818	STARKE WW.	4176
		6- 949	KERN-SPEKTR.	42550	TSUKERMAN	SV	4-1511	MOLEKUELE	52528	TULINOV	AF	8- 968	STARKE WW.	41730
		6- 957	KERN-SPEKTR.	42555			12-1634	MOLEKUELE	52538			1-1162	KERNREAKTIO	4300
TSAUENE	AY	10-1516	MOLEKUELE	52514		VG	1-2432	PHOTOLEITO.	72510			6-1977	KRIST.FEHL.	6606
TSCHIEBO	CE	8- 413	AKUSTIK	23510	TSUKERNIK	VM	5-2227	MAGN.EIG.FK	69020	TULL	EH	5-2849	IONOSPHAERE	91050
TSCHIRF	E	10- 759	KERN-MESSG.	40584			7-2172	MAGN.EIG.FK	69050	TULTAEV	AY	12- 480	WAERME	2404
TSCHULENA	G	11-2706	HALBLEITER	71540	TSUKIJI	N	6-2261	MAGN.EIG.FK	69040	TULUPOV	VI	9-2772	LUFTHUELLE	90850
TSE	D	3-2032	FK-SPEKTREN	73370	TSUKUDA	M	3-2776	KOSM.STRLG.	90640	TULVINSKII	VB	3-2475	FK-SPEKTREN	7332
		9-2511	FK-SPEKTREN	73370		N	8-1909	KRISTALLE	65584	TUMATKIN	GM	6- 635	BESCHLEUNIG	4102
TSEBULYA	GG	9-2512	FK-SPEKTREN	73370	TSUN PHAN	U	11- 722	ELEMENTART.	41546			12- 954	ELEMENTART.	4156
TSEDILINA	EE	2-2635	DUEENNE SCHI	74065	TSUNEOKA	T	8-1049	STARKE WW.	41783	TUMANOV	OK	4- 963	STARKE WW.	4174
		7-1501	PLASMA	57000	TSUNETO	T	12-1960	FLUESSIGK.	58525		VS	3- 127	QUANTENTHEO	1651
TSEITLIN	AB	4- 160	VAKUUM	13022	TSUNG HSING	TY	11-2034	KRISTALLE	65578			10-2406	LEITFHOK.FK	7007
	LA	1- 482	ELEKTRODYN.	26510	TSUNODA	Y	11-2318	MAGN.EIG.FK	69010	TUMANYAN	YA	2-1693	KRISTALLE	6558
	VB	9- 353	AKUSTIK	23530	TSUNOOKA	T	4-2081	DIELEKTRIKA	68050	TUMAREYA	TA	11-3191	GRENZFL.FK	7456
TSEKHMISTRENKO	Y.V.	10-1175	KERNREAKTIO	43005	TSUPKO	YK	12-3273	GRENZFL.FK	74576	TUMAYKIN	GM	11- 667	BESCHLEUNIG	4104
		3-1563	FLUESSIGK.	58530	TSUPKO SITNIKOV	V.M.	5- 989	STARKE WW.	41783	TUMBEV	OK	11-1196	KERNREAKTIO	4302
TSEKHYA	BE	8-2087	GITTERDYN.	67060			11- 606	KERN-MESSG.	40552	TUMM	GW	11-1368	K-REAKTOREN	4359
TSELIKOV	GG	7- 570	MASER,LASER	28055			11- 607	KERN-MESSG.	40552	TUNASHENSKII	E.V.	7-2195	LEITFHOK.FK	7006
TSELISCHCHEV	VA	9-2181	LEITFHOK.FK	70028	TSURIKOVA	GA	6-1667	FLUESSIGK.	58530	TUNG	C	3- 297	HYDRODYNAM.	2302
TSEN	LF	4- 431	HYDRODYNAM.	23070			9-1671	FLUESSIGK.	58530	TUNITSKII	LN	3- 540	MASER,LASER	2805
		5- 308	HYDRODYNAM.	23020	TSURUTA	S	3-2903	STERNE	94060			7-1454	MOLEKUELE	5256
TSENG	CC	6-2477	HALBLEITER	71580			3-2904	STERNE	94060			12-1663	MOLEKUELE	5256
		6-2478	HALBLEITER	71580		T	4-2861	STERNE	94060	TUNNICLIFFE	RJ	3- 93	VAKUUM	1301
TSEPKOV	GV	6- 326	ELEKTIZIT.	26014	TSUSHIMA	T	2- 560	OPT.INSTRUM	28570	TUNSTALL	D	12-2119	KRISTALLE	6554
TSHEPETNOV	RV	4-2693	GEOMAGNET.	90450	TSUTSUMI	S	11-2310	MAGN.EIG.FK	69010	TUNYAEV	YM	3-1892	MECH.EIG.FK	6655
TSIDILKOVSKI	I.M.	1-2324	HALBLEITER	71520			6-2835	IONOSPHAERE	91060	TUOMI	TO	11-2153	KRIST.FEHL.	6607
		4-2262	LEITFHOK.FK	70072	TSUYA	H	9-2531	FK-SPEKTREN	73370	TUONINEN	IV	1-2819	STERNE	94050
TSIDILKOVSKII	I.M.	7-2321	HALBLEITER	71520		N	7-2271	SUPRALEITO.	70520		J	1-2819	STERNE	94050
		11-2527	KERNSTRHLG.	44033	TSUYAMA	H	7-2608	DUEENNE SCHI	74050	TUONG	ND	2- 936	KERN-SPEKTR.	4251
TSIDULKO	FY	11- 243	MECHANIK	22032	TSUZUKI	T	6- 607	ATOME	52090		V.	9- 273	ELASTIZIT.	2252
TSIKLIS	DS	6-1613	GASE	58040	TSUZUKU	T	12-1960	FLUESSIGK.	58525	TURAEV	MY	6-2719	GRENZFL.FK	7456
TSIKULIN	MA	9-1472	PLASMA	57050			5-1985	KRIST.FEHL.	66035	TURBAT	C	9- 216	STATISTIK	17540
TSINOBER	AB	1-1580	PLASMA	57045	TSVANKIN	DY	8-2001	KRIST.FEHL.	66065	TURBERFIELD	KC	6-2155	DIELEKTRIKA	68030
		3-1369	PLASMA	57050	TSVETKOV	T	12-2155	KRISTALLE	65570	TURCHANYI	G	11-2801	PHOTOLEITO.	72510
		6-1441	PLASMA	57045										

TURJANICA - ULLRICH

URJANICA	ID	8-2709	GRENZFL.FK	74570	TYAPUNINA	NA	9-1977	GITTERDYN.	67060	UEBERREITER	K	9-1398	POLYMERE	53525		
URK	M	2-1027	KERNREAKTIO	43044	TYBOR	V	10- 55	TAGUNGEN	10563	UEBERSFELD	J	5-2383	FK-SPEKTREN	73370		
URKADZE	KA	7-1698	FLUESSIGK.	58527	TYCHINA	II	7- 985	STARKE WW.	41764			11- 430	MASER, LASER	28020		
URKEVICH	E	10-2237	MAGN.EIG.FK	69010	TYCHINSKII	VP	2-2428	PHOTOLEITG.	72510			12- 583	HF-TECHNIK	27560		
URKIEWICZ	J	9-1029	KERNREAKTIO	43046			7- 573	MASER, LASER	28055			12-3247	GRENZFL.FK	74535		
URKOT	F	1- 966	STARKE WW.	41783			12- 639	MASER, LASER	28055	UEDA	I	2-1970	DIELEKTRIKA	68020		
		9- 833	STARKE WW.	41740			10- 837	ELEMENTART.	41546			10-2225	DIELEKTRIKA	68050		
URKOV	YG	7- 544	MASER, LASER	28045	TYCKO	D	10- 297	WAERME	24026			R	3-2607	DUENNE SCHI	74010	
URLAY	R	11- 711	ELEMENTART.	41546	TYKODI	RJ	6- 297	WAERME	24026				3-2648	DUENNE SCHI	74050	
URLLEY	RE	6-1125	K-REAKTOREN	43515	TYKVA	R	5- 733	KERN-MESSG.	40518				5-2732	DUENNE SCHI	74090	
URLLO	Z	9-2982	KOSM.PHYSIK	94550	TYLER	JE	10-2845	ERDKORPER	90260				6-2652	DUENNE SCHI	74020	
URNBAUGH	JE	7-1733	FLUESSIGK.	58546			JV	9- 738	ELEMENTART.	41543			S	4-1580	POLYMERE	53542
URNBULL	AA	10-2821	GRENZFL.FK	74570	TYLICKI	J	12-2900	FK-SPEKTREN	73350				6-2574	OPT.EIG.FK	73605	
	AG	8- 455	WAERME	24040	TYMOSZ	T	2-2587	DUENNE SCHI	74020			T	5- 863	STARKE WW.	41700	
	D	2-1746	KRIST.FEHL.	66025	TYNES	AR	7- 667	OPT.INSTRUM	28595			Y	2- 706	ELEMENTART.	41546	
		2-1922	THERMEIG.FK	67510			10- 646	OPT.INSTRUM	28545				3- 512	MASER, LASER	28045	
		8-1780	FLUESSIGK.	58555	TYPKE	D	7- 457	TEILCH.OPT.	27016				4- 880	STARKE WW.	41764	
		9-1684	FLUESSIGK.	58550	TYRAS	G	2- 392	ELEKTRODYN.	26520				5- 835	ELEMENTART.	41574	
		12-2240	KRIST.FEHL.	66025			3- 430	HF-TECHNIK	27523				6- 773	STARKE WW.	41730	
	JC	7- 486	TEILCH.OPT.	27062	TYSHKEVICH	VM	1-1874	KRIST.FEHL.	66025				7- 927	STARKE WW.	41730	
	R	8- 968	STARKE WW.	41730	TYSON	J	9- 771	ELEMENTART.	41574				8- 898	ELEMENTART.	41574	
	RM	6- 818	STARKE WW.	41764			10- 872	ELEMENTART.	41574				2-1262	MOLEKUELE	52543	
URNEAURE	JP	10- 803	BESCHLEUNIG	41030			WR	6-2024	MECH.EIG.FK	66516	UEHARA	K	10- 966	STARKE WW.	41755	
URNELL	RC	4-2542	DUENNE SCHI	74010	TYSZKA	FA	10-3134	HOEREN	96310			M	3-2073	FK-SPEKTREN	73360	
URNER	BR	2-2764	IONOSPHAERE	91020	TYTE	DC	3-1253	MOLEKUELE	52560			EA	8-2544	FK-SPEKTREN	73360	
	CE	9-2435	FK-SPEKTREN	73350			5-1435	MOLEKUELE	52524				12-3063	FK-SPEKTREN	73370	
	CH	10- 111	LABORTECHN.	12570	TYULIN	VI	8-1399	MOLEKUELE	52514			A	1- 579	MASER, LASER	28055	
	CM	9- 92	VAKUUM	13025			8-1440	MOLEKUELE	52540			U	6-1796	KRISTALLE	65518	
		9- 690	BESCHLEUNIG	41010	TYULKIN	VA	9-1670	FLUESSIGK.	58530			U	2- 960	KERNPEKTR.	42545	
	CW	5-2475	HALBLEITER	71540	TYUNINA	ES	6-1580	PLASMA	57020			U	6-2602	OPT.EIG.FK	73640	
	DJ	7- 100	VAKUUM	13020	TYUNYAEV	YN	2-2000	DIELEKTRIKA	68050			S	8-2872	PLANETEN	93610	
		12- 142	VAKUUM	13016			6-2062	MECH.EIG.FK	66553				10-1353	K-REAKTOREN	43515	
	EH	9- 633	PHYS.OPTIK	29088	TYUSHEV	VS	1-2622	DUENNE SCHI	74040			T	1-2476	FK-SPEKTREN	73325	
		9-2559	OPT.EIG.FK	73610			6-2148	DIELEKTRIKA	68020			M	8-2372	HALBLEITER	71510	
	G	7-2054	GITTERDYN.	67060	TYUTIKOV	AM	5-2790	GRENZFL.FK	74576			Y	4-1892	KRISTALLE	65586	
	GI	9- 592	PHYS.OPTIK	29000			7- 776	KERN-MESSG.	40530				4-1893	KRISTALLE	65586	
	JE	4-1431	MOLEKUELE	52510	TYUTIKOVA	MI	7- 293	MECHANIK	22038			M	2-2558	OPT.EIG.FK	73635	
		11- 86	QUANTENTHEO	16523			2- 294	MECHANIK	22038				8-1952	KRIST.FEHL.	66030	
	JF	11-1092	KERNPEKTR.	42555	TYUTIN	MS	2-2407	HALBLEITER	71585				9-2606	OPT.EIG.FK	73640	
	JP	8-2825	MAGNETOSPH.	91250			8-2426	HALBLEITER	71585				10-2728	OPT.EIG.FK	73640	
	L	12- 992	STARKE WW.	41710	TYUTNEVA	GK	12-3113	OPT.EIG.FK	73610				12-2263	KRIST.FEHL.	66030	
	MJ	5-2762	GRENZFL.FK	74535	TYUTYUGIN	II	10-1329	KERNREAKTIO	43092			H	8-1393	KRIST.FEHL.	66060	
	PS	9-1801	KRISTALLE	65574	TYUTYULOV	N	8-1400	MOLEKUELE	52516			YA	11-2667	HALBLEITER	71510	
		12-2154	KRISTALLE	65570	TYUTYUNNIKOVA	T.V.	3-1623	KRISTALLE	65518			E	11-1380	KERNSTRHLG.	44030	
	R	6-2688	DUENNE SCHI	74065			7-2504	FK-SPEKTREN	73370				11-2032	KRISTALLE	65578	
		8- 106	LABORTECHN.	12510	TZALMONA	A	7-1161	KERNREAKTIO	43020			P	3- 338	AKUSTIK	23530	
		10-2800	DUENNE SCHI	74065	TZARA	C	10-1197	KERNREAKTIO	43018			AA	7- 589	MASER, LASER	28060	
		11- 465	MASER, LASER	28055			9- 110	MATH.-PHYSIK	16020				8-2114	THERMEIG.FK	67556	
	RE	3-1969	THERMEIG.FK	67510	TZENOV	I	4-1590	PLASMA	57026				9- 541	MASER, LASER	28060	
	WJ	11-3028	OPT.EIG.FK	73640	TZOAR	N	7-2229	LEITFHGK.FK	70056			J	1- 934	STARKE WW.	41760	
		12-1443	KERNSTRHLG.	44010			8-2287	LEITFHGK.FK	70056				5- 837	ELEMENTART.	41574	
UROFF	RD	7-2470	FK-SPEKTREN	73355	TZOURAS	G	3-2080	MAGN.EIG.FK	69000			L	7- 777	KERN-MESSG.	40532	
UROV	EA	5-2226	MAGN.EIG.FK	69020									8- 145	VAKUUM	13016	
UROWSKI	P	8-1099	KERNPEKTR.	42525									8-1060	KERNSTRUKT.	42010	
URPIN	PY	5- 690	PHYS.OPTIK	29045								A	2- 990	KERNPEKTR.	42570	
		5- 694	PHYS.OPTIK	29045									5-1062	KERNPEKTR.	42555	
		12- 661	OPT.INSTRUM	28513									5-1094	KERNPEKTR.	42570	
URRELL	GC	12-2908	FK-SPEKTREN	73330	UBBELOHDE	AR	2-2255	HALBLEITER	71520				9-1020	KERNREAKTIO	43044	
URRISI	E	6-2406	KRISTALLE	65582			7-1754	FLUESSIGK.	58562			N	10-1064	KERNREAKTIO	42540	
URSUNOV	AT	1- 564	MASER, LASER	28045			8- 486	THERMODYN.	24556				8-2073	GITTERDYN.	67020	
URTURRO	DA	3-1947	GITTERDYN.	67060			9-2247	HALBLEITER	71530			GE	5-1709	GASE	58030	
URUKHAND	A	5-1511	POLYMERE	53535	UBEROI	C	5-1568	PLASMA	57055			DA	12-1833	PLASMA	57093	
	BG	6- 499	OPT.INSTRUM	28570			5-1568	PLASMA	57055				7- 215	QU.FELDTHEO	17060	
		6- 500	OPT.INSTRUM	28570			4- 409	HYDRODYNAM.	23040			FJ	4-1205	KERNREAKTIO	43034	
		9- 668	KERN-MESSG.	40550	UCCELLI	F	11- 657	BESCHLEUNIG	41020				4-1206	KERNREAKTIO	43034	
	N	6- 500	OPT.INSTRUM	28570	UCHIDA	E	6-2271	MAGN.EIG.FK	69050				10-1209	KERNREAKTIO	43034	
USNOV	YI	4-1630	PLASMA	57050			1-2475	FK-SPEKTREN	73325				10-1212	KERNREAKTIO	43038	
		6-1531	PLASMA	57206			6-2432	HALBLEITER	71530				7-1813	KRISTALLE	65545	
UTIHASI	S	1-2534	OPT.EIG.FK	73605			10-2485	HALBLEITER	71540				9-1761	KRISTALLE	65545	
		2-2450	FK-SPEKTREN	73300			11- 372	ELEKTROZIT.	26060			H	9- 934	KERNPEKTR.	42540	
		9-2388	FK-SPEKTREN	73325			8-1610	PLASMA	57053			LG	3-2133	MAGN.EIG.FK	69045	
UTIYA	M	11-1648	POLYMERE	53550			3-2018	DIELEKTRIKA	68030				3-2492	FK-SPEKTREN	73325	
UTOV	AG	10-2001	KRISTALLE	65588			5-2157	DIELEKTRIKA	68060				3-2593	OPT.EIG.FK	73625	
UTSCH	JH	9- 131	QUANTENTHEO	16523			6-1866	KRISTALLE	65588				4-2471	FK-SPEKTREN	73380	
UTUBALIN	AI	12- 772	KERN-MESSG.	40505			8- 804	KERN-MESSG.	40582				5-2619	FK-SPEKTREN	73380	
UTURIZOV	YF	6- 368	ELEKTROZIT.	26060			8- 805	KERN-MESSG.	40582				5-2672	OPT.EIG.FK	73625	
UZOV	LV	2-1852	MECH.EIG.FK	66455			9- 669	KERN-MESSG.	40550				6-2596	OPT.EIG.FK	73620	
UZOLINO	AJ	12- 792	KERN-MESSG.	40520			1- 578	MASER, LASER	28055				8-2586	OPT.EIG.FK	73620	
VERDOKHLEBOV	V.I.						1- 579	MASER, LASER	28055				11-2484	MAGN.EIG.FK	69060	
		6-2722	GRENZFL.FK	74563			9- 567	OPT.INSTRUM	28530			Y	12-3165	DUENNE SCHI	74010	
		4-2798	MAGNETOSPH.	91230			12-3147	OPT.EIG.FK	73645			E	6- 978	KERNPEKTR.	42565	
VERSKAYA	LV	6-1482	PLASMA	57060			12-2262	KRIST.FEHL.	66030			EV	11-1834	GASENTLADG.	57860	
VERSKOI	BA	2-2791	IONOSPHAERE	91050	UCHIGASAKI	K	10-1781	GASE	58020			YI	2-2532	FK-SPEKTREN	73325	
VERVETEN	LH	7-1119	KERNPEKTR.	42565	UCHIHO	K	8-2350	SUPRALEITG.	70550				4-2455	FK-SPEKTREN	73330	
VERVETER	A	8-1164	KERNPEKTR.	42565			11-2631	SUPRALEITG.	70520				9-2553	OPT.EIG.FK	73605	
VORGOV	SD	11- 544	PHYS.OPTIK	29040	UCHIKAWA	K	7- 295	MECHANIK	22038				12-2635	LEITFHGK.FK	70028	
VORGOV	SD	4-1517	MOLEKUELE	52560	UCHINOKURA	K	1-2392	HALBLEITER	71563			LV	8-1241	KERNREAKTIO	43085	
		7- 158	QUANTENTHEO	16533	UCHIYAMA	S	2-2597	DUENNE SCHI	74020			AD	12-1729	PLASMA	57010	
		10-1427	ATOME	52045			12-3208	DUENNE SCHI	74050			K	1-2300	HALBLEITER	71505	
		11-1431	ATOME	52040	UCHIYANA	M	9-1805	KRISTALLE	65574			J	4-1576	POLYMERE	53542	
		12- 537	ELEKTRODYN.	26530			1-1011	KERNSTRUKT.	42075				11- 258	ELASTIZIT.	22520	
		9-1335	MOLEKUELE	52553	UDAGAWA	T	5-1021	KERNSTRUKT.	42080			RG	1- 433	WAERME	24050	
		10-1565	MOLEKUELE	52553			10-1046	KERNSTRUKT.	42075			H	2-1358	PLASMA	57035	
		10-1778	GASE	58020			11- 999	KERNSTRUKT.	42075			JP	10- 360	HYDRODYNAM.	23000	
		12-2144	KRISTALLE	65545												

ULLRICH	JF	5-1870	KRISTALLE	65545	URBAN	P	1-1318	KERNSTRHLG.	44030	VAAL	EG	9-1644	FLUESSIGK.	58527
	S	11-1106	KERNSEKTR.	42560			3- 27	TABUNEN	10545	VACCARO	VG	8- 823	BESCHLEUNIG	41047
ULLWER	S	6-2060	THERMEIG.FK	67553			7- 165	QUANTENTHEO	16575	VACEK	K	7-2557	OPT.EIG.FK	73647
ULMANIS	UA	7-1960	KRIST.FEHL.	66073			12- 19	BIOGRAPHIE	10215	VACHASPATI		5- 483	ELEKTRODYN.	26547
ULMER	K	2-2191	LEITFHGK.FK	70024			12-2484	DIELEKTRIKA	68020			6- 715	ELEMENTART.	41567
		6-2305	LEITFHGK.FK	70024	URBANCZIK	J	2- 367	THERMODYN.	24554			7- 444	ELEKTRODYN.	265047
		7- 627	OPT.INSTRUM	28535	URBANEC	M	1-1131	KERNSEKTR.	42555			8- 519	ELEKTRODYN.	26547
		9-1667	LEITFHGK.FK	70024	URBANETS	Y	6- 948	KERNSEKTR.	42550			8- 520	ELEKTRODYN.	26547
		10-2546	FK-SPEKTREN	73315			6- 949	KERNSEKTR.	42550			10- 687	PHYS.OPTIK	29027
		12-2609	LEITFHGK.FK	70024			6- 957	KERNSEKTR.	42555	VACHER	R	11-2897	FK-SPEKTREN	73347
ULMSCHNEIDER	P	8-2920	STERNE	94020			6- 972	KERNSEKTR.	42560	VACHEV	ZK	9-1985	GITTERDYN.	67077
ULRICH	BT	9-2239	SUPRALEITG.	70520			7-1104	KERNSEKTR.	42555	VACHON	RI	10- 399	HYDRODYNAM.	23077
	R	11-2328	MAGN.EIG.FK	69015			7-1114	KERNSEKTR.	42565	VACLAVIK	J	1-1618	PLASMA	57067
ULRICHS	J	2-2840	PLANETEN	93610			9- 984	KERNSEKTR.	42565			6-1466	PLASMA	57057
		9-2902	PLANETEN	93640			11-1101	KERNSEKTR.	42555			10-1704	PLASMA	57087
ULRICI	W	9- 904	KERNSTRUKT.	42070	URBELIS	A	12-2839	PHOTOLEITG.	72510			10-1719	PLASMA	57097
		9-2425	FK-SPEKTREN	73330	URE JR.	RW	2-2210	LEITFHGK.FK	70028	VACQUIE	S	6-1468	PLASMA	57057
		4-2666	ERDKOERPER	90250			11-1964	KRISTALLE	65510			10-1768	GASENTLADG.	57887
ULRYCH	TJ	8- 614	OPT.INSTRUM	28510			12-2417	THERMEIG.FK	67510			11-1838	GASENTLADG.	57887
ULSET	A	10- 428	WAERME	24026	UREY	HC	5-2916	PLANETEN	93640	VACZ	I	6-2723	GRENZFL.FK	74567
ULSH	HB	7-1629	GASENTLADG.	57840			8-2893	PLANETEN	93630	VADACCHINO	M	11- 633	KERN-MESSG.	40587
ULYANOV	KN	11-1849	GASE	58020			10-3007	PLANETEN	93630	VADACHKORIYA	L.A.			
ULYBIN	SA	7-2762	LUFTHUELLE	90880	URIN	MG	1-1013	KERNSTRUKT.	42075			4- 143	LABORTECHN.	12537
UMAN	MA	11-3295	LUFTHUELLE	90880			2- 894	KERNSTRUKT.	42000	VADLAMUDY	SV	4-1532	MOLEKUELE	52577
		6-2722	GRENZFL.FK	74563			7- 846	ELEMENTART.	41543	VAEISAEAE	Y	5-2821	LUFTHUELLE	90830
UMANOV	VI	10-2015	KRIST.FEHL.	66010	URITSKY	SI	7-2527	OPT.EIG.FK	73605	VAEYRYNEN	H	5- 270	MECHANIK	22037
UMAROVA	FT	1-2651	GRENZFL.FK	74540	URLI	NB	1-2390	HALBLEITER	71563			4- 781	KERN-MESSG.	40500
	KF	7-2024	MECH.EIG.FK	66553	URMAN	YG	6-2000	KRIST.FEHL.	66076	VAFIADAKIS	AP	5- 762	KERN-MESSG.	40580
UMEBAYASHI	H	10-2122	MECH.EIG.FK	66553	UROSHEVICH	V	2-1313	FK-SPEKTREN	73370	VAGANOV	PA	6- 502	OPT.INSTRUM	28587
		10-2230	MAGN.EIG.FK	69010			1-1439	ATOME	52065	VAGER	Z	12-1359	KERNREAKTIO	43057
	U	12-1861	MECH.EIG.FK	66553			2-1186	ATOME	52065			1-1038	KERNSEKTR.	42527
UMEDA	J	1-2060	FK-SPEKTREN	73370	URSU	D	8-1373	ATOME	52090			4-1264	KERNREAKTIO	43067
UMEMURA	I	10- 974	STARKE WW.	41760			1-2064	FK-SPEKTREN	73355			7-1127	KERNSEKTR.	42567
UMENO	M	1-1978	GITTERDYN.	67020			11-2013	KRISTALLE	65545			7-1232	KERNREAKTIO	43087
		2-2365	HALBLEITER	71540			12-2979	FK-SPEKTREN	73355			11-1277	KERNREAKTIO	43057
UMOOKA	K	2-2679	GRENZFL.FK	74570			12-2980	FK-SPEKTREN	73355			11-1307	KERNREAKTIO	43067
UMERJEE	RK	4-1257	KERNREAKTIO	43062			12-2981	FK-SPEKTREN	73355	VAGH	AS	6-1790	KRISTALLE	65517
		7-1172	KERNREAKTIO	43042	URTIW	PA	12-1762	PLASMA	57050	VAGIN	LN	5-2780	GRENZFL.FK	74567
		10- 878	ELEMENTART.	41576	URUSHADZE	GI	5-2403	SUPRALEITG.	70520		VA	8- 551	HF-TECHNIK	27537
		9- 570	OPT.INSTRUM	28540			5-2404	SUPRALEITG.	70520	VAGNER	SD	12-1912	GASENTLADG.	57887
UMEROV	RI	1- 240	STATISTIK	17560			5-2405	SUPRALEITG.	70520	VAGRADOV	GM	12-1304	KERNREAKTIO	43007
UMEZAWA	H	2- 162	QU.FELDTHEO	17015	URUSOVSKAYA	AA	5-1976	KRIST.FEHL.	66035	VAHLBRUCH	OM	1- 738	KERN-MESSG.	40540
		4- 261	QU.FELDTHEO	17010			6-2250	MAGN.EIG.FK	69035	VAIANA	GS	11-3366	SONNENPHYS.	93317
		5-2982	BIOPHYSIK	96000			12-2279	KRIST.FEHL.	66035	VAIDANICH	VI	11-3025	OPT.EIG.FK	73637
		1- 931	STARKE WW.	41760	URVAS	AO	9-1911	MECH.EIG.FK	66514	VAIDYA	A	1- 905	STARKE WW.	41757
UMLAUF	E	3-3219	SUPRALEITG.	70550	URVATER	E	6- 815	STARKE WW.	41764		PC	1-2850	KOSM.PHYSIK	94587
		3-2320	SUPRALEITG.	70550	URYADOV	VP	9-2800	IONOSPHERE	91045		SM	9- 844	STARKE WW.	41757
UMNOV	NV	10- 337	MECHANIK	22010	URYU	M	4-2176	MAGN.EIG.FK	69050			12-1067	STARKE WW.	41757
UMREIKO	DS	2-2554	FK-SPEKTREN	73325			6-2276	MAGN.EIG.FK	69060		SN	3-1681	KRISTALLE	65577
		3-1248	MOLEKUELE	52526	USADEL	KD	10-2415	SUPRALEITG.	70510			5-2135	THERMEIG.FK	67557
		12-3119	OPT.EIG.FK	73625			12-2704	SUPRALEITG.	70530	VAIL	J	5-2071	GITTERDYN.	67027
UNAMUNO DE	S	12-1058	STARKE WW.	41748	USAMI	S	8-2693	GRENZFL.FK	74535			5-2072	GITTERDYN.	67027
UNANGST	D	8-1876	KRISTALLE	65578			12-3238	GRENZFL.FK	74535	VAILLANT	A	4- 323	FELDTHEORIE	18047
		10- 692	PHYS.OPTIK	29038	USATCHEVA	NT	10-1328	KERNREAKTIO	43092	VAINSHTEIN	AI	8- 233	QUANTENTHEO	16577
UNBEHAUEN	H*	10- 83	MESSEN	12230	USATOV	VU	11- 567	PHYS.OPTIK	29086			8- 876	ELEMENTART.	41547
UNDERHILL	AB	7-2889	STERNE	94000	USCINSKI	BJ	1- 680	PHYS.OPTIK	29040		BK	6-1673	FLUESSIGK.	58537
		10-3043	STERNE	94020			7- 128	MATH.PHYSIK	16040			11- 8	BIOGRAPHIE	10227
UNDERWOOD	JH	8-2849	SONNENPHYS.	93316	USDOWSKI	HE	3-2711	ERDKOERPER	90250			11-2054	KRISTALLE	65587
		12-1497	ATOME	52022	USHAKOV	AY	3-2405	HALBLEITER	71540		EE	1-2432	PHOTOLEITG.	72517
	JM	6- 612	KERN-MESSG.	40580			12-3100	OPT.EIG.FK	73605			5-1261	FK-SPEKTREN	73317
UNGER	GY	6-1031	KERNREAKTIO	43024		IS	9-2027	THERMEIG.FK	67590		II	6-1653	HYDRODYNAM.	23027
	HG	1- 44	BUECHER	11010		VI	4- 824	KERN-MESSG.	40560		L	3-1175	ATOME	52077
		3- 447	HF-TECHNIK	27530	USHAKOVA	MB	3-2433	HALBLEITER	71570		LA	2-1203	ATOME	52077
	HJ	4-1201	KERNREAKTIO	43024		TF	11- 332	WAERME	24030			8- 602	MASER,LASER	28057
		5-1109	KERNREAKTIO	43005	USHAKOVSKII	VT	12-2103	KRISTALLE	65514			8-1362	ATOME	52077
	K	5- 564	MASER,LASER	28050	USHKOVA	TY	2-1619		65618			11-1407	ATOME	52017
		5- 565	MASER,LASER	28050	USIK	PA	11- 909	STARKE WW.	41780	VAIPOLIN	AA	2-1709	KRISTALLE	65587
		8-2265	FK-SPEKTREN	73370		BS	9- 981	KERNSEKTR.	42565	VAISBERG	VV	11-2045	KRISTALLE	65587
	M	12- 965	ELEMENTART.	41574		MP	12-1278	KERNSEKTR.	42565	VAISHYA	JS	8-3010	KOSM.PHYSIK	94587
	P	3-1698	KRISTALLE	65582			12-1889	KRISTALLE	65574			4- 906	ELEMENTART.	41577
UNIK	S	7-2559	OPT.EIG.FK	73645			12-2213	KRISTALLE	65588			9- 764	ELEMENTART.	41567
UNNA	J	5-1185	KERNREAKTIO	43092	USLENGHI	PLE	4- 746	PHYS.OPTIK	29043			9- 806	STARKE WW.	41717
	I	11-1115	KERNSEKTR.	42560	USMANOV	RF	10-2880	KOSM.STRLG.	90660	VAISMAN	AM	6-1964	KRIST.FEHL.	66037
UNNO	W	9-2952	STERNE	94050	USNER	AA	8-1280	KERNSTRHLG.	44010	VAISNYS	JR	5-1724	GASE	58057
UNO	R	1-2349	HALBLEITER	71530	USOV	VS	8- 346	MECHANIK	22032			6-2064	MECH.EIG.FK	66557
UNOKI	H	8-2538	FK-SPEKTREN	73355	USPENSKAYA	EM	2-2556	OPT.EIG.FK	73670	VAITKEVICIUTE I.				
UNSOELD	A	1-2779	ASTROPHYSIK	93000		GI	11-3065	DUEENNE SCHI	74010			8-2402	HALBLEITER	71547
		10-3114	KOSM.PHYSIK	94580	USPENSKII	AB	2- 70	MATH.PHYSIK	16020	VAITKUS	J	4-2364	HALBLEITER	71567
						AV	6- 419	MASER,LASER	28050			4-2397	PHOTOLEITG.	72517
UNTI	TWJ	12-3421	PLANETEN	93650		MD	2-2583	DUEENNE SCHI	74010			12-2839	PHOTOLEITG.	72517
UNTIEDT	J	7-2704	GEOMAGNET.	90440			10-2521	PHOTOLEITG.	72510			12-2841	PHOTOLEITG.	72517
UNVALA	BA	8- 528	TEILCH.OPT.	27040	USPENSKY	AV	6- 505	OPT.INSTRUM	28595	VAKHITOV	NG	6- 378	HF-TECHNIK	27537
		9-2624	DUEENNE SCHI	74010			7- 594	MASER,LASER	28095			11- 385	ELEKTRODYN.	26597
UNWIN	RS	8-2734	GEOMAGNET.	90470	USTENKO	EP	5- 750	KERN-MESSG.	40555	VAKHLYUEVA	VI	11-1552	MOLEKUELE	52547
UNZ	H	3-1395	PLASMA	57090	USTIMENKO	BP	9- 316	HYDRODYNAM.	23040			11-1554	MOLEKUELE	52547
		4- 101	UNTERRICHT	12050		LY	6-1453	PLASMA	57053			12-1640	MOLEKUELE	52547
		4-1603	PLASMA	57033			12-1772	PLASMA	57053	VAKHONIN	VV	5-2042	MECH.EIG.FK	66547
		7-2791	IONOSPHERE	91070	USTINOVA	GK	8-2897	PLANETEN	93630	VAKS	VG	2-2076	MAGN.EIG.FK	69027
		12-1838	PLASMA	57093	USTYANOV	VI	4-2404	PHOTOLEITG.	72510			5-2253	MAGN.EIG.FK	69037
		12-3373	MAGNETOSPH.	91226	USUI	N	12-2719	SUPRALEITG.	70550			10-2220	DIELEKTRIKA	68037
UNZICKER	AE	4-2819	SONNENPHYS.	93316			4-2509	FK-SPEKTREN	73325	VAKSER	BD	11-2288	DIELEKTRIKA	68037
UPADHYA	KN	5-1437	MOLEKUELE	52524	UTEVSKII	LM	2-1851	MECH.EIG.FK	66545			7-1631	GASENTLADG.	57847
		10-1527	MOLEKUELE	52524			6-2053	MECH.EIG.FK	66545	VAKULENKO	AA	8-2052	MECH.EIG.FK	66547
UPADHYAY	SR	9-1890	KRIST.FEHL.	66065			1-1926	KRIST.FEHL.	66035	VA	OV	5-2637	FK-SPEKTREN	73337
UPADHYAY	VA	12-2706	SUPRALEITG.	70530	UTIYAMA	R	1- 211	QU.FELDTHEO	17010	VAKULOV	PV	3-2751	KOSM.STRLG.	9063

DEDMORO C	4-1349	ATOME	52010	VANDEVYVER M	2-1801	KRIST.FEHL.	66070	VASARU G	2-1503	GASE	58025
DRE U	1- 515	TEILCH.OPT.	27040		3-1917	GITTERDYN.	67020		5-1701	GASE	58025
	7- 467	TEILCH.OPT.	27030	VANDEWARKER R	11- 521	OPT.INSTRUM	28570	VASAYADA KV	1- 837	STARKE WW.	41700
	11-2144	KRIST.FEHL.	66065	VANDOROS P	1-2680	ERDKOERPER	90210		5-1485	MOLEKUELE	52576
EE DG	6-1389	POLYMER	53542	VANFLEET HB	4-1992	MECH.EIG.FK	66550		6- 832	STARKE WW.	41770
EEY RG	8-2300	LEITFHGK.FK	70065	VANHAECHT J	5- 341	HYDRODYNAM.	23040		8- 221	QUANTENTHEO	16575
ENSI J	2- 291	HYDRODYNAM.	23060	VANHORENBEECK J.					10- 893	STARKE WW.	41725
	2- 292	HYDRODYNAM.	23060		8-1169	KERNSPEKTR.	42565	VASHAKIDZE IS	4-1090	KERNSPEKTR.	42540
	3- 321	HYDRODYNAM.	23060		10-1153	KERNSPEKTR.	42565		5-1038	KERNSPEKTR.	42535
	3- 322	HYDRODYNAM.	23060	VANHUYSE VJ	10-1381	KERNSTRHLG.	44033		9- 892	KERNSTRUKT.	42010
ENTA L	6-1530	PLASMA	57206	VANIER J	12- 586	MASER,LASER	28020		9- 932	KERNSPEKTR.	42535
ENTE V	9-2652	DUENNE SCHI	74050	VANIYAN LL	9-2818	MAGN.EIOSPH.	91250		10-1077	KERNSPEKTR.	42540
ENTIN J	12- 968	ELEMENTART.	41574		9-2819	MAGN.EIOSPH.	91250	VASHCHENKO VI	7- 613	OPT.INSTRUM	28530
	5-1088	KERNSPEKTR.	42565	VANKOUGHNETT A.L.					7-2429	FK-SPEKTREN	73325
	10-1153	KERNSPEKTR.	42565		8- 555	HF-TECHNIK	27550		12-2890	FK-SPEKTREN	73325
	7- 858	ELEMENTART.	41546	VANLANDINGHAM S.L.				YI	10- 441	WAERME	24070
	8-1233	KERNREAKTIO	43080		4-2840	PLANETEN	93630	VASHISHTA P	5-2248	MAGN.EIG.FK	69030
	1- 454	THERMOEKT.	24554	VANNIKOV AV	6-1394	HALBLEITER	71566		10-2283	MAGN.EIG.FK	69040
	4-1609	PLASMA	57050		6-2427	HALBLEITER	71566	VASHKEVICH IM	3- 496	MASER,LASER	28040
	4-1629	PLASMA	57050		7-1959	KRIST.FEHL.	66073		11- 448	MASER,LASER	28045
	9-1551	PLASMA	57235	VANNINI G	8-1060	KERNSTRUKT.	42010		12- 602	MASER,LASER	28040
	12- 434	HYDRODYNAM.	23030	VANNOTTI LE	3-2060	FK-SPEKTREN	73355	VASILCHENKO NV	8-2778	LUFTHUELLE	90860
	12-1767	PLASMA	57050		9-2483	FK-SPEKTREN	73355	VASILESCU D	3-2024	DIELEKTRIKA	68050
ERO FPJ	11- 487	OPT.INSTRUM	28513	VANOLI F	10- 945	STARKE WW.	41753		5-2156	DIELEKTRIKA	68050
ETTE C	2-2277	SUPRALEITG.	70530	VANSELOW R	2-2683	GRENZFL.FK	74573		11- 358	ELEKTIRIZIT.	26010
	5- 668	PHYS.OPTIK	29030	VANSIKKE LL	1-2625	MECH.EIG.FK	66553	VASILEV AM	6- 372	TEILCH.OPT.	27068
	MI	11-2951	FK-SPEKTREN		10-2329	MAGN.EIG.FK	69070		7- 90	LABORTECHN.	12580
	R	2- 242	ELASTIZIT.		2-2288	SUPRALEITG.	70550	AP	1-1643	PLASMA	57090
	MA	9- 571	OPT.INSTRUM	VANT HULL LL	4-2800	MAGNETOSPH.	91260	AS	4-1616	PLASMA	57045
	K	6- 106	QUANTENTHEO	VANYAN LL	4-2801	MAGNETOSPH.	91260	BP	6-2097	GITTERDYN.	67060
	KA	6-2546	FK-SPEKTREN		11-3342	MAGNETOSPH.	91226	GA	6- 629	BESCHLEUNIG	41010
UITOV RP	7- 572	MASER,LASER	28055	VANYASHIN VS	2- 714	ELEMENTART.	41546	LA	10- 393	HYDRODYNAM.	23060
UTSKII V	8-2057	MECH.EIG.FK	66550	VANYSEK V	8-2891	PLANETEN	93620	LM	7- 383	WAERME	24026
WKOVIC V	4-1266	KERNREAKTIO	43066	VANYUKOV MP	6- 428	MASER,LASER	28055	RD	10- 762	KERN-MESSG.	40584
	6- 549	KERN-MESSG.	40510		7- 547	MASER,LASER	28045	SN	6- 571	KERN-MESSG.	40518
	7-1189	KERNREAKTIO	43052		7- 593	MASER,LASER	28060	SS	7-1198	KERNREAKTIO	43054
	11-1257	KERNREAKTIO	43052		8- 574	MASER,LASER	28035		11-1102	KERNSPEKTR.	42555
	11-1310	KERNREAKTIO	43064		8- 620	OPT.INSTRUM	28513	T	10-1616	POLYMER	53535
	4- 219	QUANTENTHEO	16550		8-1692	GASENTLADG.	57840	VK	9-2273	HALBLEITER	71520
LL AN	11- 776	STARKE WW.	41710		8-1701	GASENTLADG.	57870	VS	4-2322	HALBLEITER	71505
	2-2508	FK-SPEKTREN	73380		8-1702	GASENTLADG.	57880	VASILEVA EI	6-2148	DIELEKTRIKA	68020
LLADE M	1-1768	FLUESSIGK.	58543		11-1836	GASENTLADG.	57870	EL	2-2648	GRENZFL.FK	74520
LLAURI R	11-1612	POLYMER	53530	VANZANI V	12-1880	PLASMA	57276	MA	3-2206	LEITFHGK.FK	70026
LLER R	5-1550	PLASMA	57040		6-1103	KERNREAKTIO	43085		3-2403	HALBLEITER	71540
LLLET G	6-1393	POLYMER	53544	VANZHA A	9- 739	ELEMENTART.	41543		3-2405	HALBLEITER	71540
LLETTA RM	5-2701	DUENNE SCHI	74010	VANZTVELD JB	6-2487	THERMOELEKT	72010	NN	7-2567	OPT.EIG.FK	73650
LLI K	3- 987	KERNSPEKTR.	42575	VAPAILLE A	3-2391	HALBLEITER	71530	OI	12- 480	WAERME	24040
	4-1151	KERNSPEKTR.	42570		3-2423	HALBLEITER	71566	VASILEVSKAYA A.S.			
	10-1159	KERNSPEKTR.	42570		4-1962	KRIST.FEHL.	66076		1-2517	OPT.EIG.FK	73610
LLIN J	4-1978	MECH.EIG.FK	66514	VARA JM	4-1166	KERNSPEKTR.	42575		1-2518	OPT.EIG.FK	73610
	5-2024	MECH.EIG.FK	66514	VARACCA V	6-2190	FK-SPEKTREN	73355		2-2452	OPT.EIG.FK	73605
LLLOIS G	10-1275	KERNREAKTIO	43058	VARADI PF	2-2534		73500		2-2515	OPT.EIG.FK	73610
	11-1149	KERNSPEKTR.	42570		7- 103	VAKUUM	13020		3-2017	DIELEKTRIKA	68030
LLNEV PE	9-2618	OPT.EIG.FK	73670	VARADUMYAN DT	6- 846	STARKE WW.	41780		4-2489	OPT.EIG.FK	73610
LLNOT C	4- 837	BESCHLEUNIG	41010	VARAKINA LP	2- 608	PHYS.OPTIK	29066		4-2491	OPT.EIG.FK	73610
LLTON M	1- 325	HYDRODYNAM.	23000	VARANASI P	5-1403	MOLEKUELE	52536		6-2559	FK-SPEKTREN	73380
LLUEVA GE	4-2694	GEOMAGNET.	90450	VARCHENYA SA	12-2347	MECH.EIG.FK	66518		7-2541	OPT.EIG.FK	73610
LLVODA V	1-1961	GITTERDYN.	67020	VARDANYAN VA	1-1612	PLASMA	57055		7-2542	OPT.EIG.FK	73610
	7-2050	GITTERDYN.	67040	VARDENGA G	12-1039	STARKE WW.	41735		9-2564	OPT.EIG.FK	73610
	11-1993	KRISTALLE	65540	VARDYA MS	2-2860	STERNE	94020	LJ	12-2169	KRISTALLE	65572
LLYASHKO EG	9-2551	OPT.EIG.FK	73605		2-2861	STERNE	94020	VASILEVSKII AM	9-2451	FK-SPEKTREN	73330
	11-2886	FK-SPEKTREN	73330		2-2862	STERNE	94020	VASILEVSKII KP	7-1424	MOLEKUELE	52536
	12-2778	HALBLEITER	71530	VARDZIGULOVA L.E.				VASILIEV AN	4- 287	QU.FELDTHEO	17600
LLYAVKO VV	3- 496	MASER,LASER	28040		8- 579	MASER,LASER	28040	EN	1- 496	ELEKTRODYN.	26595
	11- 448	MASER,LASER	28045	VARENNE S	6-2685	DUENNE SCHI	74060		1- 497	ELEKTRODYN.	26595
	12- 602	MASER,LASER	28040		7-2619	DUENNE SCHI	74060	KN	9-2807	IONOSPHAERE	91060
LLYI L	7-1369	ATOME	52085	VARFALOMEV AV	5-2628	OPT.EIG.FK	73610		9-2808	IONOSPHAERE	91060
LLYUKENAS VI	11-2797	PHOTOLEITG.	72510	VARGA D	1-1120	KERNSPEKTR.	42560	LL	8-2100	THERMEIG.FK	67520
LLMANU D	6-2675	DUENNE SCHI	74050		8- 767	KERN-MESSG.	40530	VASILIU G	5- 461	ELEKTIRIZIT.	26016
	11-3129	DUENNE SCHI	74050		8-1121	KERNSPEKTR.	42545		6-2493	PHOTOLEITG.	72510
	1- 859	STARKE WW.	41725		8- 767	KERN-MESSG.	40530	S	5-1940	KRIST.FEHL.	66010
LLHIEU N	11- 764	STARKE WW.	41700	LP	10-2573	FK-SPEKTREN	73325	V	8- 650	OPT.INSTRUM	28545
LLA N	11-2127	KRIST.FEHL.	66076	P	5-2782	GRENZFL.FK	74570	VF	10- 608	MASER,LASER	28055
LLAGAS A	8-1075	KERNSTRUKT.	42040	SC	6-2135	THERMEIG.FK	67556	V	10-1890	FLUESSIGK.	58573
	6- 101	QUANTENTHEO	16516	VARGHESE VC	1- 690	PHYS.OPTIK	29050	VASILIYEV RF	9-1038	KERNREAKTIO	43050
	6- 924	KERNSPEKTR.	42540		1- 691	PHYS.OPTIK	29050	VASILTSOV VV	12- 780	KERN-MESSG.	40512
	8-1305	ATOME	52010		6- 538	PHYS.OPTIK	29083	VASILYEV AM	5-2501	HALBLEITER	71566
	12-1172	KERNSTRUKT.	42070		8-2400	HALBLEITER	71540	AS	1-1581	PLASMA	57045
	12-1173	KERNSTRUKT.	42070	VARIKOJYTE A					6-1433	PLASMA	57045
	10-1055	KERNSPEKTR.	42515	VARIAMOV IV	3-2269	HALBLEITER	71560		11-1695	PLASMA	57045
LLASSE VV	6- 474	OPT.INSTRUM	28545	VARMA AK	7- 787	KERN-MESSG.	40542	SS	8-1218	KERNREAKTIO	43054
LLGA	6- 475	OPT.INSTRUM	28545	CKR	4-2608	GRENZFL.FK	74520	VF	1- 75	PLASMA	57033
	6- 477	OPT.INSTRUM	28545		7-1840	KRISTALLE	65582	AI	1-1323	KERNSTRHLG.	44030
	7- 614	OPT.INSTRUM	28530		7-1867	KRIST.FEHL.	66010	A	8-2492	FK-SPEKTREN	73330
	8- 647	OPT.INSTRUM	28545		9-1745	KRISTALLE	65512	VI	7-2063	GITTERDYN.	67060
LLCE RE	6-1131	K-REAKTOREN	43520	CM	10-2305	MAGN.EIG.FK	69060	VASKOVA VI	8-2082	GITTERDYN.	67060
LLDW	7-2664	GRENZFL.FK	74560	PP	11-2352	MAGN.EIG.FK	69025	VASS DG	7- 780	KERN-MESSG.	40538
	12-3267	GRENZFL.FK	74576		12-2947	FK-SPEKTREN	73355	MO	1-2376	HALBLEITER	71540
	12-3268	GRENZFL.FK	74576		8-1312	ATOME	52022		3-2397	HALBLEITER	71540
	11-2619	SUPRALEITG.	70540		9-1174	ATOME	52022	VASSERMAN AA	2-1511	GASE	58030
	12-2589	MAGN.EIG.FK	69065		9-1175	ATOME	52022	VASSEUR G	4-2793	IONOSPHAERE	91045
LLNCU A	1-2545	OPT.EIG.FK	73605		12-1498	ATOME	52022		6-2818	IONOSPHAERE	91020
LLNCURA A	2- 873	STARKE WW.	41760		12-2859	FK-SPEKTREN	73315		8-2796	IONOSPHAERE	91045
LLNDAKUROV YV	10-3063	STERNE	94050	RK	2-1464	PLASMA	57266	J	12-3306	KOSM-STRLG.	90630
LLNDENBOUD PA	3- 986	KERNSPEKTR.	42570	S	3-1388	PLASMA	57266	P	6-1526	PLASMA	57206
LLNDENBOSCH R	2-1066	KERNREAKTIO	43090		7-1159	KERNREAKTIO	43014		7-1592	PLASMA	57206
	5-1170	KERNREAKTIO	43075		10- 917	STARKE WW.	41735	VASSILEV I	10-1912	KRISTALLE	65516
	5-1185	KERNREAKTIO	43092	VS	4- 254	QUANTENTHEO	16588	VASSY A	3-2787	LUFTHUELLE	90820
	11-1343	KERNREAKTIO	43090		7- 355	STARKE WW.	41740	VASUDEVM R	3- 965	KERNSPEKTR.	42560
LLNDENBROUCKE JR. A.C.				VARNAGY M	12- 843	KERN-MESSG.	40550	VASUDEVAN CM	8- 299	STATISTIK	17535
	11-1878	FLUESSIGK.	58510	VARNAY RN	7-1464	MOLEKUELE	52575		10- 190	QUANTENTHEO	16530
LLNDENPLAS PE	3-1412	PLASMA	57096	VAROQUAUX EJA	10-1825	FLUESSIGK.	58527		8-1121	KERNSPEKTR.	42545
	3-1425	PLASMA	57093		7- 83	LABORTECHN.	12530	VASVARI B	11-3340	MAGNETOSPH.	91226
	5-1627	PLASMA	57093		12-1958	FLUESSIGK.	58527	VASYOV V	1- 844	STARKE WW.	41700
	10-1712	PLASMA	57085	VARSANYI D	10- 712	PHYS.OPTIK	29060	VATA I	8-1166	KERNSPEKTR.	42565
LLNDERBORGH NE	7- 368	WAERME	24020	F	3-2492	FK-SPEKTREN	73325	E	10- 730	KERN-MESSG.	40510
LLNDERHAGHEN R	11- 783	STARKE WW.	41725	VARSAYSKY CM	7-2941	KOSM.PHYSIK	94550	VI	10-2779	DUENNE SCHI	74040
	11- 789	STARKE WW.	41725								

			VERNOV - VISSCHER				
NOV	SN	6-2785 KOSM.STRLG.	90640	VIELSTICH	W	3- 81 LABORTECHN.	12580
		6-2787 KOSM.STRLG.	90640			8- 135 LABORTECHN.	12580
		8-2822 MAGNETOSPH.	91230	VIENOT	JC	2- 556 OPT.INSTRUM.	28570
		10-3021 PLANETEN	93640			5- 657 PHYS.OPTIK	29010
		11-3268 KOSM.STRLG.	90646			12- 706 OPT.INSTRUM.	28570
	YS	2- 125 QUANTENTHEO	16578	VIETH	DL	8- 637 OPT.INSTRUM.	28535
COE	J	8-2732 GEOMAGNET.	90450			7- 653 OPT.INSTRUM.	28563
COLAINEN	YF	9-1199 ATOME	52040	VIETOR	OW	10- 404 AKUSTIK	23520
CON	D	3-1463 PLASMA	57270	VIEWEG	R	8- 7 BIOGRAPHIEN	10220
		7-1598 PLASMA	57235	VIG	J	3-2451 THERMOELEKT	72010
		9-1569 PLASMA	57266	VIGIER	JP	4- 195 QUANTENTHEO	16516
		8-1060 KERNSTRUKT.	42010			5- 795 ELEMENTART.	41520
CONDINI	E	3- 298 HYDRODYNAM.	23020			11-234 THEORIE	18040
CONIS	G	11- 287 HYDRODYNAM.	23020		P	1- 511 TEILCH.OPT.	27030
		3-1150 ATOME	52027	VIGIL	JC	4-1294 K-REAKTOREN	43510
COSH	T	2-2745 KOSM.STRLG.	90646	VIGLIN	A	6- 344 ELEKTRODYN.	26500
ORI	G	2-2746 KOSM.STRLG.	90646	VIGNAU	N	9- 953 KERNSPEKTR.	42550
		2-2897 SEHEN	96614	VIGNERON	J	4-2789 IONOSPHERE	91074
RIEST	G	10-2622 FK-SPEKTREN	73355			8-2812 IONOSPHERE	91074
STELLE	JC	11-1141 KERNSPEKTR.	42565			11-3309 IONOSPHERE	91020
TEBNI	VP	11-1234 KERNREAKTIO	43048	VIGNON	B	11- 181 STATISTIK	17523
		11-1235 KERNREAKTIO	43048			12-1389 KERNREAKTIO	43075
		3-1104 KERNSTRHLG.	44010	VIGONE	M	5- 806 ELEMENTART.	41546
TES	P	9-2095 MAGN.EIG.FK	69025	VIGOTTI	M	12-3475 KOSM.PHYSIK	94550
TOGEN	G	11-2333 MAGN.EIG.FK	69020	VIGROUX	E	1- 7226 LUFTHUELLE	90810
		11-2334 MAGN.EIG.FK	69020			8-2755 LUFTHUELLE	90820
		5-1988 KRIST.FEHL.	66060	VIJAYARAGHAVAN	P.R.		
TSNER	VM	11-3066 DUENNE SCHI	74010			12-2389 GITTERDYN.	67020
		12-2293 KRIST.FEHL.	66060		R	1-2062 FK-SPEKTREN	73370
WIER	J	4-1095 KERNSPEKTR.	42545			4-2103 FK-SPEKTREN	73370
		10-1042 KERNSTRUKT.	42070			5-2167 FK-SPEKTREN	73370
		10-1101 KERNSPEKTR.	42545			7-2237 LEITFHGK.FK	70060
		10-1120 KERNSPEKTR.	42555			9-2525 FK-SPEKTREN	73370
		10-1234 KERNREAKTIO	43046			9-2532 FK-SPEKTREN	73370
		11-1189 KERNREAKTIO	43014			10-2663 FK-SPEKTREN	73370
WHEEL	J	2-2096 MAGN.EIG.FK	69035	VIK	RC	11-2973 FK-SPEKTREN	73370
WEY	EJ	12-2957 FK-SPEKTREN	73355	VIKTOROV	IA	8- 913 ELEMENTART.	41578
	JF	2-2311 HALBLEITER	71510			6-2479 HALBLEITER	71580
		7-2466 FK-SPEKTREN	73355			7-2063 GITTERDYN.	67060
WZARIU	P	11-3229 GEOMAGNET.	90430	VIKTOROVA	AA	2-1272 MOLEKUELE	52536
		11-3230 GEOMAGNET.	90430			5-1407 MOLEKUELE	52536
WZEGNASSI	C	9- 869 STARKE WW.	41764		EN	1-2553 OPT.EIG.FK	73670
		11- 774 STARKE WW.	41710			5-1834 FLUESSIGK.	58573
		9-2322 HALBLEITER	71570		VS	6-1286 MOLEKUELE	52570
WELAGO	VG	4-2251 LEITFHGK.FK	70056			12-2875 FK-SPEKTREN	73320
WELIC	D	9-1030 KERNREAKTIO	43046	VIKULIN	IM	12-2772 HALBLEITER	71530
WELOV	MG	8-1301 ATOME	52010			12-2773 HALBLEITER	71530
WELOVA	AM	12- 232 QUANTENTHEO	16572	VILA	P	4-2793 IONOSPHERE	91045
WELOVSKY	IS	1-1530 PLASMA	57010			11-3315 IONOSPHERE	91030
WELY	V	10-1709 PLASMA	57080		SC	6-2928 STERNE	94040
		12-3248 GRENZF.L.FK	74535	VILAIN	P	8-1051 STARKE WW.	41790
WNA	V	2- 963 KERNSPEKTR.	42545			10-1011 STARKE WW.	41790
WNICHEVA	GA	6-1235 ATOME	52065			11- 929 STARKE WW.	41790
		7-1632 GASENTLADG.	57840	VILANOVE	R	2-1791 KRIST.FEHL.	66062
		12-1728 PLASMA	57010			4-1886 KRISTALLE	65574
WPIGNANI	G	5-2959 KOSM.PHYSIK	94550			8- 153 VAKUUM	13030
		7-2923 KOSM.PHYSIK	94530	VILCEANU	R	6-1277 MOLEKUELE	52516
		8-2979 KOSM.PHYSIK	94540	VILCHES	OE	9-1989 THERMEIG.FK	67510
		4-2656 ERDKOERPER	90210			9-1990 THERMEIG.FK	67510
		4-2657 ERDKOERPER	90210	VILCOV	I	3-1091 KERNREAKTIO	43092
TER	VV	6-2250 MAGN.EIG.FK	69035			10-1245 KERNREAKTIO	43048
TLITSKII	IA	6- 597 KERN-MESSG.	40555		N	3-1064 KERNREAKTIO	43058
TLITSKY	IA	5- 977 STARKE WW.	41764			3-1091 KERNREAKTIO	43092
TRANO	JB	6-2377 SUPRALEITG.	70540			10-1245 KERNREAKTIO	43048
TROVA	MA	2-2538 OPT.EIG.FK	73625	VILENSKII	VD	2- 341 WAERME	24060
TTTER	HJ	8- 561 HF-TECHNIK	27595			3- 361 WAERME	24060
	R	5- 581 MASER,LASER	28055	VILESOV	FI	2-2433 PHOTOLEITG.	72510
		6-2579 OPT.EIG.FK	73605			2-2682 GRENZF.L.FK	74570
		7-1312 ATOME	52030	VILF	FZ	11-3188 GRENZF.L.FK	74563
		7-1314 ATOME	52030	VILIM	F	2-2362 HALBLEITER	71540
TTTERKIND	D	10-1999 KRISTALLE	65588	VILISOVA	MD	11-2322 MAGN.EIG.FK	69010
UZIC	AM	8-1784 FLUESSIGK.	58555	VILK	YN	6-2412 HALBLEITER	71510
VERKA	J	4-2831 PLANETEN	93613			9-2047 THERMEIG.FK	67556
YRYE	P	1-1664 PLASMA	57206	VILLAIN	J	10-2028 KRIST.FEHL.	66025
		2-1347 PLASMA	57010			11-2932 FK-SPEKTREN	73360
		11-1815 GASENTLADG.	57815	VILLAR	E	1- 971 STARKE WW.	41790
YSSSEYRE	R	9- 273 ELASTIZIT.	22520		R	12-1841 PLASMA	57200
YSSIE	M	2-1651 KRISTALLE	65545	VILLARD JR.	OG	7-2786 IONOSPHERE	91050
ZAZETTI	DJ	8- 688 PHYS.OPTIK	29000	VILLAREJO	D	4-1400 ATOME	52075
ZAL	P	6-1552 PLASMA	57256	VILLARS	F	4-1175 KERNREAKTIO	43005
ZALON	AG	10-1461 ATOME	52070			6-1078 KERNREAKTIO	43060
ZANO	GA	4- 225 QUANTENTHEO	16572	VILLEMINOT	P	1- 417 WAERME	24030
		1- 182 QUANTENTHEO	16578	VILLENEUVE	G	7-2184 MAGN.EIG.FK	69065
		6- 676 ELEMENTART.	41543	VILLERMAUX	J	11- 253 MECHANIK	22038
		12-2100 QUANTENTHEO	16533	VILLERS	G	1-2133 MAGN.EIG.FK	69040
CENTINI	V	8- 679 OPT.INSTRUM.	28580			11-2057 KRISTALLE	65588
CHARD	JP	9- 296 HYDRODYNAM.	23020	VILLET	C	8- 951 STARKE WW.	41725
CK	LLJ	1- 35 TAGUNGEN	10545	VILLI	G	10-1046 KERNSPEKTR.	42535
CKERY	RP	7-2021 MECH.EIG.FK	66550			4- 44 TAGUNGEN	10545
	WK	2-2754 LUFTHUELLE	90840	VILLIERS DE J.A.M.			
		12-3418 PLANETEN	93640			7-1181 KERNREAKTIO	43048
CKLE	DD	10-2833 ERDKOERPER	90235	VILLORESI	G	6-2780 KOSM.STRLG.	90633
CKTOR	EL	10-1397 ATOME	52010	VILNITIS	AY	4-1637 PLASMA	57053
		10-1420 ATOME	52040	VILSKII	K	11-1119 KERNSPEKTR.	42560
		12-1491 MOLEKUELE	52585	VILSKY	K	5-1093 KERNSPEKTR.	42565
		10- 480 ELEKTRIZIT.	26060	VINCENT	CA	6-2094 GITTERDYN.	67060
ADADI	A	10- 303 FELDTHEORIE	18020		CH	7- 59 MESSEN	12240
ADAL	J	12-2362 MECH.EIG.FK	66550			12- 569 HF-TECHNIK	27540
	JG	1-1262 KERNREAKTIO	43080		CM	5-1017 KERNSTRUKT.	42070
	JL	10-1288 KERNREAKTIO	43064			7- 238 STATISTIK	17560
		12-1370 KERNREAKTIO	43064			7-1021 KERNSTRUKT.	42070
	M	10-1162 KERNSPEKTR.	42570			7-1022 KERNSTRUKT.	42070
DALLON	C	6- 338 ELEKTRIZIT.	26060			7-1023 KERNSTRUKT.	42070
DEIRA	ALL	10- 943 STARKE WW.	41753			11- 986 KERNSTRUKT.	42070
DOTTO	G	2-1328 POLYMERE	53535		DH	5-1870 KRISTALLE	65545
DULICH	GA	5-1803 FLUESSIGK.	58562		G	3-1189 ATOME	52085
EFHAUS	FP	6-2623 DUENNE SCHI	74010		JS	3-1190 ATOME	52085
ENHBOECK	HP	11-1435 ATOME	52060			1-1263 KERNREAKTIO	43080
ENHMANN	W	5-2547 FK-SPEKTREN	73325			11-1245 KERNREAKTIO	43052
		10-2025 KRIST.FEHL.	66025			11-1300 KERNREAKTIO	43064
		12-2960 FK-SPEKTREN	73355			11-1324 KERNREAKTIO	43075
		12-1284 FK-SPEKTREN	73325		RK	7- 705 PHYS.OPTIK	29060
EL	C	12-2884 FK-SPEKTREN	73325	VINCENT GEISSE J.			
ELAND	LJ	9-1991 THERMEIG.FK	67510			1-1479 FLUESSIGK.	58576
ELI	HP	3-2279 SUPRALEITG.	70510			3-1595 FLUESSIGK.	58570
		6-2358 SUPRALEITG.	70510				
				VINCENT GEISSE J.			
						6-1292 MOLEKUELE	52536
						10-1545 MOLEKUELE	52538
				VINCENTI	WG	5- 343 HYDRODYNAM.	23050
						12- 488 WAERME	24060
				VINCIGUERRA	D	4-1088 KERNSPEKTR.	42540
				VINCOV	G	7-1441 MOLEKUELE	52547
				VINDUSKA	M	6-1003 KERNSPEKTR.	42570
				VINE	J	2- 437 TEILCH.OPT.	27068
				VINEK	G	4-1849 KRISTALLE	65530
				VINEN	WF	5-2400 SUPRALEITG.	70520
						5-2401 SUPRALEITG.	70520
				VINETSKII	VL	3- 492 MASER,LASER	28035
				VINGIANI	GB	8-1120 KERNSPEKTR.	42545
						10-1252 KERNREAKTIO	43054
						12-1214 KERNSPEKTR.	42545
				VINGSBO	O	9-1876 KRIST.FEHL.	66035
				VINH MAU	N	10- 835 ELEMENTART.	41543
						10-1183 KERNREAKTIO	43010
				VINITSKAYA	GP	3-1025 KERNREAKTIO	43040
				VINITSKII	AK	6- 785 STARKE WW.	41735
				VINNIK	MA	7-2179 MAGN.EIG.FK	69060
						11-2428 MAGN.EIG.FK	69045
				VINNIKOV	AP	8-1870 KRISTALLE	65545
						11-2826 FK-SPEKTREN	73310
				VINNIKOVA	TL	2-2782 IONOSPHERE	91040
				VINOGRADOV	A	3-1175 ATOME	52070
					AD	4- 819 KERN-MESSG.	40560
					AP	3-2880 PLANETEN	93640
						10-3020 PLANETEN	93640
					AV	2-1203 ATOME	52070
					GV	2-1332 POLYMERE	53540
						5-1521 POLYMERE	53542
					IA	7-2403 FK-SPEKTREN	73310
						9-2376 FK-SPEKTREN	73310
					KN	6-2097 GITTERDYN.	67060
						10-2732 OPT.EIG.FK	73645
						12-2776 HALBLEITER	71530
					MI	4- 164 VAKUUM	13025
					NI	2-1467 PLASMA	57266
						6-1562 PLASMA	57279
						6-1563 PLASMA	57279
					VB	11- 608 KERN-MESSG.	40555
					VP	8-1663 PLASMA	57206
					YK	5-1484 MOLEKUELE	52512
					MB	9-2808 IONOSPHERE	91060
					MN	11-3005 OPT.EIG.FK	73605
						12-2430 THERMEIG.FK	67520
					NM	10-2374 LEITFHGK.FK	70028
					VG	7-2319 HALBLEITER	71520
					VN	10-1514 MOLEKUELE	52510
						6-2859 ASTROPHYSIK	93020
				VINOKUR	ON	1- 592 MASER,LASER	28055
				VINOKUROV		5- 584 MASER,LASER	28045
					LA	11-3024 OPT.EIG.FK	73635
					NI</		

VISSCHER WM	8-2068	GITTERDYN.	67010	VLJET VAN D	3-1845	KRIST.FEHL.	66065	VOLKOV MK	6-168	QU.FELDTHEO	1702
	12-2391	GITTERDYN.	67020		11-1379	KERNSTRHLG.	44030		8-273	QU.FELDTHEO	1704
VISSER H	10-2669	FK-SPEKTREN	73375		1-153	QUANTENTHEO	16526		10-250	QU.FELDTHEO	1702
VISTIN LK	11-1909	FLUESSIGK.	58535		1-2430	PHOTOLEITG.	72510	MN	2-685	BESCHLEUNIG	4104
VISTISEN L	1-1133	KERNSPEKTR.	42565		2-533	OPT.INSTRUM	28550	NV	1-1659	PLASMA	57200
	9-1067	KERNREAKTIO	43070		3-2446	HALBLEITER	71590	PY	10-2629	FK-SPEKTREN	7335
	11-1111	KERNSPEKTR.	42560	VLOKH OG	2-2517	OPT.EIG.FK	73610	VA	2-1569	FLUESSIGK.	58540
	12-1376	KERNREAKTIO	43070		2-2518	OPT.EIG.FK	73610	VV	11-1337	KERNREAKTIO	4308
VISVANATHAN N	7-2939	KOSM.PHYSIK	94550		1-411	AKUSTIK	23570	YF	8-534	TEILCH.OPT.	2705
	8-2964	KOSM.PHYSIK	94520	VODAR B	2-592	PHYS.OPTIK	29045		11-1667	PLASMA	5702
VISWANATH K	1-132	QUANTENTHEO	16516		4-1753	GASE	58050	YP	10-481	ELEKTRIZIT.	26069
	2-2395	HALBLEITER	71570		4-1788	FLUESSIGK.	58540	EN	6-2559	FK-SPEKTREN	7338
	4-2439	FK-SPEKTREN	73325		4-1995	MECH.EIG.FK	66553	GA	5-1694	GASENTLADG.	57870
	K 2-297	HYDRODYNAM.	23070		5-74	LABORTECHN.	12515	LM	8-1559	PLASMA	57010
	KS 11-2594	LEITFHGK.FK	70074		5-692	PHYS.OPTIK	29045	LV	6-784	STARKE WW.	4173
	TL 11-425	HF-TECHNIK	27560		5-1389	MOLEKUELE	52530	NV	3-1853	KRIST.FEHL.	6606
	TR 11-425	HF-TECHNIK	27560		7-1418	MOLEKUELE	52534		3-2008	DIELEKTRIKA	6802
VISWESVARIAN M.N.	4-805	KERN-MESSG.	40532		7-1779	FLUESSIGK.	58573		11-1644	POLYMERE	5354
VITA I	10-732	KERN-MESSG.	40512		8-2033	MECH.EIG.FK	66514		11-2362	MAGN.EIG.FK	6902
VITALE A	7-1327	ATOME	52050		10-632	OPT.INSTRUM	28530	VOLKOVICH AV	9-2031	THERMEIG.FK	6755
	8-1060	KERNSTRUKT.	42010	VODENITSCHAROV R.	12-736	PHYS.OPTIK	29045	VOLLAND H	1-2736	LUFTHUELLE	9083
	2-85	QUANTENTHEO	16516		8-1400	MOLEKUELE	52516	VOLLMER HD	1-547	MASER,LASER	2803
	5-137	QUANTENTHEO	16516		5-1999	KRIST.FEHL.	66065		9-489	MASER,LASER	2803
VITALI G	1-1899	KRIST.FEHL.	66065		4-2484	OPT.EIG.FK	73610	VOLLSTAEDT O	9-1987	THERMEIG.FK	6751
	4-2606	GRENZFL.FK	74520		6-1465	PLASMA	57055		8-2191	MAGN.EIG.FK	6904
VITEK V	6-1928	KRIST.FEHL.	66035		10-1690	PLASMA	57055		8-2727	GEOMAGNET.	9043
	6-1933	KRIST.FEHL.	66035		8-270	QU.FELDTHEO	17030		9-2139	MAGN.EIG.FK	6906
	6-1952	KRIST.FEHL.	66035		10-2613	FK-SPEKTREN	73355	VOLOCHINE B	10-1794	FLUESSIGK.	58578
VITU EV	8-2620	OPT.EIG.FK	73640		U 8-270	QU.FELDTHEO	17030	VOLODICHNE NM	3-2743	KOSM.STRIG.	90630
VITKEVITCH VV	4-2844	PLANETEN	93650		J 7-99	VAKUUM	13016	VOLODIN VA	8-828	BESCHLEUNIG	4109
	8-2992	KOSM.PHYSIK	94550	VOELTER J	1-1035	KERNSPEKTR.	42520	VOLODKO AV	11-608	KERN-MESSG.	40550
VITKIN EI	7-531	MASER,LASER	28035		1-1670	PLASMA	57210	LV	2-2554	FK-SPEKTREN	7332
	8-581	MASER,LASER	28040		4-1082	KERNSPEKTR.	42520		3-1248	MOLEKUELE	52525
VITKOV MG	12-3114	OPT.EIG.FK	73610		10-1412	ATOME	52027		5-2655	OPT.EIG.FK	7364
VITMAN FF	4-1778	FLUESSIGK.	58530	VOETELINK P	7-526	MASER,LASER	28030		6-411	MASER,LASER	2804
	6-1670	FLUESSIGK.	58530		12-2324	KRIST.FEHL.	66076		6-1765	FLUESSIGK.	58578
	11-1903	FLUESSIGK.	58530	VOEVODIN VG	7-689	PHYS.OPTIK	29040		12-2922	FK-SPEKTREN	73330
	VD 6-948	KERNSPEKTR.	42550		HE 8-2647	DUENNE SCHI	74040	VOLKOBINSKII Y.M.	2-2603	DUENNE SCHI	7403
VITOL AY	8-1998	KRIST.FEHL.	66065		JC 6-2901	PLANETEN	93630		1-1574	PLASMA	5704
	IK 8-2619	OPT.EIG.FK	73640		JK 2-2086	MAGN.EIG.FK	69030	VOLOSEVICH PP	5-1564	PLASMA	5705
VITOLINSH GA	4-1617	PLASMA	57045		P 1-1155	KERNSPEKTR.	42570	VOLOSHCHUK VM	9-2787	LUFTHUELLE	9089
VITON M	2-2873	KOSM.PHYSIK	94510		10-1049	KERNSTRUKT.	42075	YV	12-2181	KRISTALLE	6557
VITOVSKII NA	5-2010	KRIST.FEHL.	66076		11-1133	KERNSPEKTR.	42565	VOLOSHINSKII A.N.	4-2324	HALBLEITER	7152
	6-569	KERN-MESSG.	40518		T 9-108	MATH.PHYSIK	16020		11-2994	FK-SPEKTREN	7338
	6-1870	KRIST.FEHL.	66010	VOGELSANG K	11-2361	MAGN.EIG.FK	69025	VOLOSOV VD	12-2716	SUPRALEITG.	7053
	6-1986	KRIST.FEHL.	66065	VOGLER G	8-2157	MAGN.EIG.FK	69015	VOLOTSKAYA VG	4-2477	FK-SPEKTREN	7338
	8-763	KERN-MESSG.	40520		M 9-1348	MOLEKUELE	52575	VOLOVNIK NV	12-1445	KERNSTRHLG.	4401
VITRIKHOVSKII N.J.	8-744	PHYS.OPTIK	29083	VOGT D	1-1492	MOLEKUELE	52575	VLPE J	12-1445	KERNSTRHLG.	4401
					E 2-2107	MAGN.EIG.FK	69040	VOLPI DE A	1-752	KERN-MESSG.	4058
VITRIKHOVSKII N.I.	1-2477	FK-SPEKTREN	73325		9-2105	MAGN.EIG.FK	69035		12-1445	K-REAKTOREN	4352
	9-2496	FK-SPEKTREN	73355		11-1172	KERNREAKTIO	43008	VOLPICELLI R	3-468	HF-TECHNIK	2756
	10-2724	OPT.EIG.FK	73640		12-1308	KERNREAKTIO	43008	VOLTERRA E	6-238	ELASTIZIT.	2253
	11-3036	OPT.EIG.FK	73640		EW 1-1033	KERNSPEKTR.	42520	VOLTZ R	11-3015	OPT.EIG.FK	7362
VITT RS	2-1918	GITTERDYN.	67060		O 3-2154	MAGN.EIG.FK	69060		12-1554	ATOME	5206
VITTITOE CM	2-2139	MAGN.EIG.FK	69060		11-2473	MAGN.EIG.FK	69060		12-1702	MOLEKUELE	5259
VITTORIA C	6-811	STARKE WW.	41764		1-2681	ERDKOERPER	90230	VOLYAK LD	5-1484	MOLEKUELE	5251
VIVARGENT M	4-2130	FK-SPEKTREN	73360	VOICU G	11-3250	KOSM.STRIG.	90630	VOLZ H	7-119	MATH.PHYSIK	1600
	7-858	ELEMENTART.	41546	VOIDENOV AP	5-2996	STRAHL.BIOL	97010	VOLZE J	10-561	MASER,LASER	2804
	8-870	ELEMENTART.	41546	VOIGNIER JJ	1-302	MECHANIK	22038	VONACH H	3-1022	KERNREAKTIO	4304
VIVET B	2-68	MATH.PHYSIK	16020		10-1226	KERNREAKTIO	43044		8-1199	KERNREAKTIO	4304
	3-2149	MAGN.EIG.FK	69060	VOIGT D	10-1242	KERNREAKTIO	43048	VONDERHAAR DF	1-1631	PLASMA	5708
	9-2099	MAGN.EIG.FK	69025		F 9-1289	MOLEKUELE	52516	VONGAI AD	6-1002	KERNSPEKTR.	4257
	10-2300	MAGN.EIG.FK	69050		G 8-2542	FK-SPEKTREN	73360	VONNEGUT B	1-2748	LUFTHUELLE	9088
	11-2488	MAGN.EIG.FK	69060		G 9-2294	HALBLEITER	71540		7-1766	FLUESSIGK.	5856
	11-2489	MAGN.EIG.FK	69060	VOINOV SA	10-643	OPT.INSTRUM	28540	VONNO VAN W	6-2687	DUENNE SCHI	7406
VIVIAND H	4-390	HYDRODYNAM.	23020	YF 9-2862	SONNENPHYS.	93328		VONSOVSKII SV	3-2082	MAGN.EIG.FK	6900
VIZBARAITE J	4-1357	ATOME	52020	VOINOVITCH I	2-1490	GASENTLADG.	57860		7-2146	MAGN.EIG.FK	6902
	8-1303	ATOME	52010	VOISHVILLO NA	1-686	PHYS.OPTIK	29045		8-1866	KRISTALLE	6554
	11-1409	ATOME	52010	VOISIN J	1-133	QUANTENTHEO	16516		9-1756	KRISTALLE	6554
	11-1410	ATOME	52010	VOIT SS	3-2705	ERDKOERPER	90235	VONSOVSKY SV	12-2134	KRISTALLE	6554
	12-1484	ATOME	52010	VOITOVICH AP	1-591	MASER,LASER	28055	VOOK FL	6-1988	KRIST.FEHL.	6606
VIZI I	5-745	KERN-MESSG.	40535		12-640	MASER,LASER	28055		12-3182	DUENNE SCHI	7402
	7-786	KERN-MESSG.	40542		12-654	MASER,LASER	28060	VOORDE VAN DE M.H.	1-751	KERN-MESSG.	4058
VIZIR VA	2-685	BESCHLEUNIG	41040		EI 6-2124	THERMEIG.FK	67530		5-1426	MOLEKUELE	5252
VLAARDINGERBROEK M.T.	6-2329	LEITFHGK.FK	70056		ID 7-369	WAERME	24020	VOORHOF H	5-1832	FLUESSIGK.	5857
VLADIMIROFF T	6-118	QUANTENTHEO	16533	VOITSEKHOVSKII A.V.	11-2864	FK-SPEKTREN	73325		7-2524	OPT.EIG.FK	7360
VLADIMIROV NP	12-3297	GEOMAGNET.	90450		6-182	STATISTIK	17520	VOOS M	9-554	OPT.INSTRUM	2851
VI	3-1847	KRIST.FEHL.	66070	VOJTA G	9-1440	PLASMA	57026		10-1314	KERNREAKTIO	4308
	11-432	MASER,LASER	28030		9-1441	PLASMA	57026	VOROBIEV UA	6-2157	DIELEKTRIKA	6804
	12-2478	DIELEKTRIKA	68020		P 10-1547	MOLEKUELE	52538	GM	11-2115	KRIST.FEHL.	6603
VV	6-1497	PLASMA	57080	VOLCHEK BB	3-1364	PLASMA	57045	IV	7-373	WAERME	2402
	7-1567	PLASMA	57080	VOLCHKOV LG	8-468	WAERME	24060	LE	2-2360	OPT.EIG.FK	7361
VLADIMIROVA AA	1-2569	FK-SPEKTREN	73315	VOLD RL	9-1333	MOLEKUELE	52550		3-2206	LEITFHGK.FK	7002
VA	8-2384	HALBLEITER	71530		11-1562	MOLEKUELE	52550		3-2403	HALBLEITER	7154
VLADIMIRSKAYA T.M.	12-2828	THERMOELEKT	72010	VOLENIK K	2-2646	GRENZFL.FK	74520		3-2405	HALBLEITER	7154
				VOLFSON AA	4-2456	FK-SPEKTREN	73330		11-2719	HALBLEITER	7154
VLADIMIRSKII Y.B.	8-2427	HALBLEITER	71585	VOLGER J	3-2345	SUPRALEITG.	70560		12-3100	OPT.EIG.FK	7360
	4-892	ELEMENTART.	41546		6-1898	KRIST.FEHL.	66025	VA	11-2832	FK-SPEKTREN	7331
VLADIMIRSKY VV	5-977	STARKE WW.	41764		6-2356	SUPRALEITG.	70500	VS	2-604	PHYS.OPTIK	2906
	9-753	ELEMENTART.	41546		10-2459	HALBLEITER	71520		8-1569	PLASMA	5702
VLADIMIRTSEV Y.V.	1-1971	GITTERDYN.	67060	VOLIN TE	5-1950	KRIST.FEHL.	66020		10-1410	ATOME	5202
	9-2529	FK-SPEKTREN	73370		10-2020	KRIST.FEHL.	66020	VOROBIEVA GA	1-296	MECHANIK	2203
VLADUCA	3-1006	KERNREAKTIO	43010	VOLINO F	12-572	HF-TECHNIK	27540	IV	9-1319	MOLEKUELE	5254
VLADES BC	3-1429	PLASMA	57203	VOLK TR	5-449	THERMODYN.	24556		5-1941	KRIST.FEHL.	6601
	9-1555	PLASMA	57253		3-1891	MECH.EIG.FK	66553		10-2066	KRIST.FEHL.	6606
VLAOV AF	1-2623	DUENNE SCHI	74040	VOLKENSCHTEIN F.F.	8-362	ELASTIZIT.	22520		12-1436	KERNSTRHLG.	4400
AO	2-685	BESCHLEUNIG	41040		5-2526	PHOTOLEITG.	72500	VOROBIEV GA	11-1840	GASENTLADG.	5781
	2-686	BESCHLEUNIG	41040		2-1342	MOLEKUELE	52585	VOROBIOV VV	7-2090	THERMEIG.FK	6753
AN	8-2614	OPT.EIG.FK	73640		2-1343	MOLEKUELE	52585	VOROBIEV VA	2-685	BESCHLEUNIG	4104
AS	11-653	BESCHLEUNIG	41010		2-2151	MAGN.EIG.FK	69060	AA	2-686	BESCHLEUNIG	4104
KB	8-742	PHYS.OPTIK	29080		2-2152	MAGN.EIG.FK	69060	VA	8-1218	KERNREAKTIO	4305
	11-240	MECHANIK	22020	VOLKIN HC	11-1165	KERNREAKTIO	43005	VG	5-1189	KERNREAKTIO	4309
NG	4-819	KERN-MESSG.	40560	VOLKMANH H	12-3-32	BIOGRAPHIEN	10220		12-1408	KERNREAKTIO	4309
RA	8-745	PHYS.OPTIK	29083	VOLKOV AB	7-1074	KERNSPEKTR.	42545	VOROBIOV AA	6-644	BESCHLEUNIG	4104
SN	3-458	HF-TECHNIK	27530		11-968	KERNSTRUKT.	42040		7-1760	FLUESSIGK.	5856
VA	10-2783	DUENNE SCHI	74040		1-2363	HALBLEITER	71540		10-824	BESCHLEUNIG	4104
	11-3080	DUENNE SCHI	74020	AF	2-2378	HALBLEITER	71563		11-1		

VOROBYOV VV	2-1953 THERMEIG.FK	67556	VRIJ A	2-1559 FLUESSIGK.	58540	WADDINGTON JC	9-1210 ATOME	52050
VORONIN GF	8-1919 KRISTALLE	65588		12-1994 FLUESSIGK.	58540	JS	3-1872 MECH.EIG.FK	66516
VA	6-1612 GASE	58040	VROMAN L	9-3016 BIOPHYSIK	60400		7-1990 MECH.EIG.FK	66516
VB	9-2359 PHOTOLEITG.	72530	VROOM DA	4-1539 MOLEKUELE	52585	TC	2-2177 LEITFHGK.FK	70010
VORONINA GT	10-2818 GRENZFL.FK	74563		12-1697 MOLEKUELE	52585		12-1620 MOLEKUELE	52536
LI	1-1498 MOLEKUELE	52540	VROOMEN DE AR	8-2245 LEITFHGK.FK	70024	WADDUPS RO	4-2741 LUFTHUELLE	90870
8- 640 OPT.INSTRUM	28540			8-2246 LEITFHGK.FK	70024	WADE RH	8- 531 TEILCH.OPT.	27040
VORONKO ON	3- 508 MASER,LASER	28045	VRSCAJ S	12-2570 MAGN.EIG.FK	69060		11-3135 DUENNE SCHI	74050
YK	2- 470 MASER,LASER	28045	VRUGT TER JW	9-2598 OPT.EIG.FK	73640	WADEHRA NS	5-2831 LUFTHUELLE	90880
	2-2537 OPT.EIG.FK	73635		12-3117 OPT.EIG.FK	73625		9-2784 LUFTHUELLE	90880
	4-2442 FK-SPEKTREN	73325	VRZAL Y	9- 984 KERNSPEKTR.	42565	WADEWITZ H	6-1967 KRIST.FEHL.	66040
	9-2601 OPT.EIG.FK	73640		11-1101 KERNSPEKTR.	42555	WADHAM A	12-2136 KRISTALLE	65545
	11- 451 MASER,LASER	28050	VSEKHSVYATSKAYA I.S.			WADSLAY AD	11-2039 KRISTALLE	65584
VORONKOV AA	2-1708 KRISTALLE	65584		9-2812 IONOSPHAERE	91072	WADZINSKI HT	9- 120 QUANTENTHED	16516
	3-1706 KRISTALLE	65584	VTOROV EP	3- 398 ELEKTRIZIT.	26050	WAECCH TG	4-1467 MOLEKUELE	52512
EN	1-2623 DUENNE SCHI	74040	VTYURIN NI	9-2644 DUENNE SCHI	74040	WAEFFLER H	10-1280 KERNREAKTIO	43062
	6-2642 DUENNE SCHI	74010	VU	2-1260 FLUESSIGK.	58570	WAELE DE ATA	5-2402 SUPRALEITG.	70520
MG	6-1295 MOLEKUELE	52538		5-1389 MOLEKUELE	52530	WAEPLING R	3- 683 KERN-MESSG.	40530
VD	6- 383 HF-TECHNIK	27560	VU DINH KY	7-1418 MOLEKUELE	52534	WAGENBRETH O	7-2682 ERDKOERPER	90200
VV	2-1610 KRISTALLE	65510	VU HUY DAT R	6-2396 METAL.LEITG	71010	WAGENDRISTEL A	4-1879 KRISTALLE	65572
	4-1917 KRIST.FEHL.	66025		6-2151 DIELEKTRIKA	68030		7-1825 KRISTALLE	65572
	11-1971 KRISTALLE	65510		11-2220 GITTERDYN.	67060		8-1880 KRISTALLE	65572
GI	2-2388 HALBLEITER	71566	VUAGNAT J	9-1551 PLASMA	57235		8-1881 KRISTALLE	65572
VI	8-2597 OPT.EIG.FK	73625	VUCETICH H	4-1042 KERNSPEKTR.	42020		10-1958 KRISTALLE	65572
VORONOV BK	6-2490 THERMOELEKT	72010		12-1154 KERNSTRUKT.	42020	WAGENER B	4-2906 HOERN	96310
	9-2181 LEITFHGK.FK	70028	VUCKOVICH M.	10- 340 MECHANIK	22036	K	3- 700 KERN-MESSG.	40580
GS	12- 890 BESCHLEUNIG	41010	VUILLEMIN M.	8-1611 PLASMA	57055		7-2870 PLANETEN	93630
VORONOVA ID	2-2580 DUENNE SCHI	74010		10-1650 PLASMA	57017	WAGENFELD H	10-1966 KRISTALLE	65572
VORONOVSKII AN	7- 77 LABORTECHN.	12530	VUILLERMOZ PL	11-2244 THERMEIG.FK	67520	WAGENINGEN VAN E.		
VORONTSOV BN	10- 82 MESSEN	12215	VUJICIC M	8- 196 QUANTENTHED	16526		12-1144 KERNSTRUKT.	42010
VORONTSOV VELAMINOV P.N.			VUKALOVICH MP	8- 474 THERMODYN.	24520	R	8- 3 BIOGRAPHIEN	10213
	11-1819 GASENTLADG.	57815	VUKANOVIC R	8- 769 KERN-MESSG.	40532	WAGGONER AP	12- 701 OPT.INSTRUM	28570
	11-1820 GASENTLADG.	57815	VUKOLOV VI	11- 650 BESCHLEUNIG	41010	MA	11-1083 KERNSPEKTR.	42555
VORONTSOVA EN	12-3169 DUENNE SCHI	74010	VUKS MF	7-1759 FLUESSIGK.	58562	WAGHMARE YR	4-1050 KERNSTRUKT.	42060
RP	12-2095 KRISTALLE	65510	VUL BM	1-2406 HALBLEITER	71570		4-1051 KERNSTRUKT.	42060
VORONYUK PI	7-2311 HALBLEITER	71520		2- 485 MASER,LASER	28050		11-1095 KERNSPEKTR.	42555
VOROPAI ES	10- 576 MASER,LASER	28045		5-2144 DIELEKTRIKA	68020	WAGHORNE RM	7-1682 FLUESSIGK.	58520
VOROPINOV AI	1-2820 STERNE	94050	EB	6-1858 KRISTALLE	65586	CF	10-2626 FK-SPEKTREN	73355
VOROSHILOV YV	3-1715 KRISTALLE	65584	LA	1- 74 PLASMA	57053	CNJ	5-1737 FLUESSIGK.	58520
VOROTNIKOV PE	7-1240 KERNREAKTIO	43090		8-1605 PLASMA	57050		5-1822 FLUESSIGK.	58573
VOROZHEIKINA L.F.			VULIS	11-1696 PLASMA	57045		6-1640 FLUESSIGK.	58520
	8-2011 KRIST.FEHL.	66073		12-1773 PLASMA	57053		9-1640 FLUESSIGK.	58520
VORST VAN DE A	11-3472 BIOPHYSIK	96040	VURAL B	4-2255 LEITFHGK.FK	70060	CU	8- 42 BUECHER	11040
DOS	2-2444 PHYS.OPTIK	29080		9-2192 LEITFHGK.FK	70056		11-3232 GEOMAGNET.	90440
	5-1858 KRISTALLE	65518	VUYLSTEKE BA	5- 541 MASER,LASER	28035	D	3-2352 METAL.LEITG	71010
JWE	11- 597 KERN-MESSG.	40532	VVEDENSKIY AA	7- 493 HF-TECHNIK	27520		6-2392 METAL.LEITG	71010
DOSBURGH KG	8- 522 TEILCH.OPT.	27016	VYALITSIN VA	4- 847 BESCHLEUNIG	41020	E	10- 62 BUECHER	11010
	8- 523 TEILCH.OPT.	27016	VYATSKIN AY	6-2666 DUENNE SCHI	74040		12- 76 BUECHER	11010
DOSCHALL RE	7-2762 LUFTHUELLE	90880		10-2064 KRIST.FEHL.	66065	EB	8-1580 PLASMA	57030
DOSHCHEKOV AM	10-1907 KRISTALLE	65510	VYBORNYY Z	9-2608 OPT.EIG.FK	73645	F	4-1148 KERNSPEKTR.	42570
DOSILIIUS II	9-2205 LEITFHGK.FK	70072		12-3134 OPT.EIG.FK	73640		5- 899 STARKE WW.	41735
DOSKANIAN RA	4-2189 MAGN.EIG.FK	69060	VYGEN P	8-1795 FLUESSIGK.	58565		6- 584 KERN-MESSG.	40532
DOSKANYAN RA	6-1788 KRISTALLE	65510	VYMAZAL M	7-1158 KERNREAKTIO	43012		8- 246 QU.FELDTHEO	17000
	10-2335 MAGN.EIG.FK	69070	VYPIRAILENKO V.D.				9- 990 KERNSPEKTR.	42570
DOSKO SH	2-2219 LEITFHGK.FK	70010		12- 790 KERN-MESSG.	40518		10- 257 QU.FELDTHEO	17050
	2-2241 LEITFHGK.FK	70074	VYRENKOVA MY	11- 610 KERN-MESSG.	40560	FC	10-2830 ERDKOERPER	90210
	9-1957 GITTERDYN.	67010	VYRODOV JP	12-2168 KRISTALLE	65572	FE	8-1162 KERNSPEKTR.	42565
DOSKOBIDNIKOV V.V.	6-2413 HALBLEITER	71510	VYSIN V	11- 565 PHYS.OPTIK	29080	G	11-1293 KERNREAKTIO	43060
DOSKRESENSKAYA I.E.			VYSKREBENTSEV V.K.			GJ	3- 923 KERNSPEKTR.	42545
	3-2501 FK-SPEKTREN	73325					7-1208 KERNREAKTIO	43064
DOSKRESENSKII K.D.			VYSOTSII AV	11- 243 MECHANIK	22032		10-1279 KERNREAKTIO	43060
	2- 334 WAERME	24050	VYSOTSKY BL	7-1153 KERNREAKTIO	43010		11- 981 KERNSTRUKT.	42070
VY	3-1987 THERMEIG.FK	67520	VYSTAVKIN AN	7- 441 ELEKTRIZIT.	26060	H	3- 245 STATISTIK	17563
DOS GA	10- 789 BESCHLEUNIG	41020		7- 514 HF-TECHNIK	27550		4- 827 KERN-MESSG.	40570
JM	10- 791 BESCHLEUNIG	41020	WAALS VAN DER J.H.				7- 799 KERN-MESSG.	40565
K	1- 658 PHYS.OPTIK	29010		1-1508 MOLEKUELE	52547	I	2- 46 LABORTECHN.	12500
	1-2800 PLANETEN	93610	WAARD DE R	6-1308 MOLEKUELE	52528	KH	1-1700 GASENTLADG.	57815
	5- 231 STATISTIK	17526	WABER JT	4-2212 LEITFHGK.FK	70024	M	3-1901 GITTERDYN.	67010
	7-1516 PLASMA	57026	WACEK I	7- 991 STARKE WW.	41775		5-2061 GITTERDYN.	67010
9- 209 STATISTIK	17520		WACHEM VAN R	11- 809 STARKE WW.	41730		9-2436 FK-SPEKTREN	73330
12- 304 STATISTIK	17523			3-1238 ATOME	52085	PE	11-2808 FK-SPEKTREN	73365
DOSZKA R	6-2498 PHOTOLEITG.	72510		6-1263 MOLEKUELE	52512	PJ	12-3026 FK-SPEKTREN	73365
	7-1895 KRIST.FEHL.	66030	WACHMAN HY	1-2677 GRENZFL.FK	74530	R	5- 447 THERMODYN.	24554
DOTINOV MP	8-1869 KRISTALLE	65545	WACHSMUTH HW	1- 738 KERN-MESSG.	40545	RR	2-1415 PLASMA	57093
	12-2998 FK-SPEKTREN	73355	WACHTEL E	1-2129 MAGN.EIG.FK	69040	RS	9-1021 KERNREAKTIO	43044
DQTRUBA J	5- 148 QUANTENTHED	16516		3-2367 HALBLEITER	71530	S	8-1958 KRIST.FEHL.	66035
DQUROUS P	12-3162 DUENNE SCHI	74010		7-1755 FLUESSIGK.	58560	TK	10- 61 BUECHER	11010
DQURVOPOULOS G	5-1064 KERNSPEKTR.	42555	WACHTER JW	11-2328 MAGN.EIG.FK	69015	U	8-2495 FK-SPEKTREN	73335
DQOVENKO AS	11- 610 KERN-MESSG.	40560	P	11-2874 FK-SPEKTREN	73330	V	12- 695 OPT.INSTRUM	28570
	12- 848 KERN-MESSG.	40570		6-1520 PLASMA	57096		2-1582 FLUESSIGK.	58565
DQVK AE	10- 412 AKUSTIK	23540	WACHTMAN JR. J.B.	5-1147 KERNREAKTIO	43050		12-2047 FLUESSIGK.	58565
DQYVODIC L	3- 799 STARKE WW.	41725		9-2106 MAGN.EIG.FK	69035	WAGNER JR. JB	5-2514 THERMOELEKT	72010
	8-1046 STARKE WW.	41773		11-2788 PHOTOLEITG.	72510	WAGONER RV	5-2515 THERMOELEKT	72010
	10- 890 STARKE WW.	41725	WACK B				6-2937 KOSM.PHYSIK	94510
	12-1056 STARKE WW.	41745		7-2116 DIELEKTRIKA	68020		6-2990 KOSM.PHYSIK	94583
DQABEL J	6- 467 OPT.INSTRUM	28545		1- 432 WAERME	24070	WAGSCHAL JJ	6-1128 K-REAKTOR	43515
DQRA MJ	11-2909 FK-SPEKTREN	73355	WACKMAN PH	5-2748 GRENZFL.FK	74510	AC	7-1385 MOLEKUELE	52512
DQRB M	9-2306 HALBLEITER	71540	KP	6-2021 MECH.EIG.FK	66516		8-1389 MOLEKUELE	52512
DQRELAND JR. T	2-2341 HALBLEITER	71530	W	1- 520 TEILCH.OPT.	27068	H	7- 991 STARKE WW.	41775
	3-1795 KRIST.FEHL.	66035	WACLAWSKI BJ	4-1459 MOLEKUELE	52516	PG	2-1949 THERMEIG.FK	67556
	12-2265 KRIST.FEHL.	66035	M	1-2426 PHOTOLEITG.	72500		2-1950 THERMEIG.FK	67556
DQREHEN QHF	6-2308 LEITFHGK.FK	70026		1- 990 KERNSTRUKT.	42045		9-1609 GASE	58025
	6-2464 HALBLEITER	71570		8-1081 KERNSTRUKT.	42045	S	3- 978 KERNSPEKTR.	42565
	10-2702 OPT.EIG.FK	73610		8-2631 OPT.EIG.FK	73670		4-1138 KERNSPEKTR.	42565
DQREJOIU C	9- 187 QU.FELDTHEO	17020		9-1980 GITTERDYN.	67060	M	11- 580 KERN-MESSG.	40560
DQREUX JM	12- 557 TEILCH.OPT.	27068		2-1874 KRISTALLE	65510	MA	9- 811 STARKE WW.	41725
DQREYS H	8-2526 FK-SPEKTREN	73355		12-3085 FK-SPEKTREN	73370		12-1006 STARKE WW.	41725
DQRIENS L	2-1206 ATOME	52065		1-2413 HALBLEITER	71580	HD	2- 200 FELDTHEORIE	18010
	2-1215 ATOME	52070		2-1059 KERNREAKTIO	43056		10- 309 FELDTHEORIE	18040
	3-1167 ATOME	52060		2-2016 FK-SPEKTREN	73370		10- 295 FELDTHEORIE	18000
	7-1348 ATOME	52070		10-1269 KERNREAKTIO	43056		3- 928 KERNSPEKTR.	42545
DQRIES DE AE	2-1295 MOLEKUELE	52575		11- 917 STARKE WW.	41783		4-1111 KERNSPEKTR.	42595
	3-1507 GASE	58025		9- 845 STARKE WW.	41753		5-1020 KERNSTRUKT.	42080
	5-1707 GASE	58025		1-1523 POLYMERE	53542		6- 954 KERNSPEKTR.	42555
	10-1782 GASE	58025		8-1766 FLUESSIGK.	58543		8-1214 KERNREAKTIO	43054
	6- 735 ELEMENTART.	41586		12-2446 THERMEIG.FK	67553	WAIDELICH W	10-1208 KERNREAKTIO	43030
C	6- 91 QUANTENTHED	16516					2-1795 KRIST.FEHL.	66065
E	2-2249 LEITFHGK.FK	70074					3-1700 KRIST.FEHL.	66065
	11-2474 MAGN.EIG.FK	69060					3-1778 KRIST.FEHL.	66030
	11-2658 METAL.LEITG	71010					3-1830 KRIST.FEHL.	66065
GF	9-2078 MAGN.EIG.FK	69010					5-2625 OPT.EIG.FK	73610
	11-2481 MAGN.EIG.FK	69060					6-1990 KRIST.FEHL.	66065
HF	11-1223 KERNREAKTIO	43044					7- 654 OPT.INSTRUM	28570
J	2-2548 OPT.EIG.FK	73640						
			WADDALL CN	12- 793 KERN-MESSG.	40520			
			WADDINGTON JC	9- 973 KERNSPEKTR.	42560			

WAIDELICH	W	7-1954 KRIST.FEHL.	66065	WALKER	MB	8-2515 FK-SPEKTREN	73355	WALTER	RL	7-1222 KERNREAKTIO	43075
		7-1961 KRIST.FEHL.	66076			9-2484 FK-SPEKTREN	73355			10-1182 KERNREAKTIO	43010
		7-2353 HALBLEITER	71566			12-2651 LEITFHGK.FK	70053	W	5-	5 BIOGRAPHIEN	10214
		7-2448 FK-SPEKTREN	73330		MF	7-2868 PLANETEN	93614	WALTERS	GK	5-1498 ATOME	52035
		8-2464 FK-SPEKTREN	73325			10-3070 KOSM.PHYSIK	94510			10-1735 PLASMA	57235
		11-2097 KRIST.FEHL.	66030		R	11-1025 KERNSEKTR.	42535	GM	11-1766 PLASMA	57070	
		12- 694 OPT.INSTRUM	28570		RL	3- 758 ELEMENTART.	41574	J	12-1109 STARKE WW.	41764	
		12-2302 KRIST.FEHL.	66065		RNF	3- 860 STARKE WW.	41767	K	4- 396 HYDRODYNAM.	23020	
WAINSTEIN	LA	8- 548 HF-TECHNIK	27530			6- 767 STARKE WW.	41725			10- 358 ELASTIZIT.	22530
		8- 549 HF-TECHNIK	27530		S	2-1958 DIELEKTRIKA	68000	LC	8-1902 KRISTALLE	65584	
WAIT	DF	1- 523 HF-TECHNIK	27500		TEH	11-1500 MOLEKULE	52512	RR	10-2172 THERMEIG.FK	67510	
	JR	2- 579 PHYS.OPTIK	29030		WC	2-2460 FK-SPEKTREN	73320	TS	3- 304 HYDRODYNAM.	23020	
		3- 407 ELEKTRODYN.	26530			4-2215 LEITFHGK.FK	70026			4- 398 HYDRODYNAM.	23020
		3- 441 HF-TECHNIK	27530			6-2511 FK-SPEKTREN	73320	WB	1-1116 KERNSEKTR.	42560	
		5- 363 AKUSTIK	23540			9-2545 OPT.EIG.FK	73605			4-1123 KERNSEKTR.	42560
		5-2855 IONOSPHAERE	91070			10-2553 FK-SPEKTREN	73320			5-1085 KERNSEKTR.	42555
		7-2710 GEOMAGNET.	90460			11-1996 KRISTALLE	65545			6- 969 KERNSEKTR.	42560
		8- 554 HF-TECHNIK	27550		WD	2- 771 STARKE WW.	41710			9- 972 KERNSEKTR.	42560
		10-2937 IONOSPHAERE	91072			3- 799 STARKE WW.	41725	WALTHER	A	5- 49 UNTERRICHT	12035
		11- 554 PHYS.OPTIK	29066			6- 850 STARKE WW.	41783	H	1-1373 ATOME	52030	
		12-3368 IONOSPHAERE	91072			7- 910 STARKE WW.	41725			6- 460 OPT.INSTRUM	28530
WAIT JR.	SC	7-1413 MOLEKULE	52528			10- 890 STARKE WW.	41725			6- 466 OPT.INSTRUM	28540
WAITS	RK	12- 161 VAKUUM	13040			10- 892 STARKE WW.	41725			6- 486 OPT.INSTRUM	28545
WAJSBAUM	J	1-1388 ATOME	52030			10-1005 STARKE WW.	41783			3-2140 MAGN.EIG.FK	69050
WAKAI	N	3-2828 IONOSPHAERE	91050		WH	3-1038 KERNREAKTIO	43046	K	2- 649 KERN-MESSG.	40540	
WAKAIZUMI	S	8-1021 STARKE WW.	41760			12-3328 LUFTHUELLE	90860	P	2- 751 ELEMENTART.	41576	
WAKEFIELD	B	12-1353 KERNREAKTIO	43052		WW	5-1058 KERNSEKTR.	42550	AV	2-2503 OPT.EIG.FK	73610	
	OF	11-2260 THERMEIG.FK	67556	WALKER JR.	PL	7-2638 GRENZFL.FK	74535			9-2554 OPT.EIG.FK	73610
WAKESHIMA	H	9- 612 PHYS.OPTIK	29045	WALKLEY	K	5- 673 PHYS.OPTIK	29035			11-2730 HALBLEITER	71560
WAKI	S	2-2159 MAGN.EIG.FK	69070	WALL	AL	10-1214 KERNREAKTIO	43040	D	3-1757 KRIST.FEHL.	66025	
WAKITA	S	2-2558 OPT.EIG.FK	73635		J	6- 360 TEILCH.OPT.	27030			3-1930 GITTERDYN.	67040
		12-3138 OPT.EIG.FK	73640			11- 648 BESCHLEUNIG	41010	DT	6- 767 STARKE WW.	41725	
WAKIYA	S	1- 344 HYDRODYNAM.	23020		JV	9-2986 KOSM.PHYSIK	94550	JC	2- 370 THERMODYN.	24554	
WAKOH	S	11-2542 LEITFHGK.FK	70024		NS	2-1044 KERNREAKTIO	43050	JJ	12- 439 HYDRODYNAM.	23040	
WAKSMANN	B	11-1311 DUENNE SCHI	74050			5-1148 KERNREAKTIO	43050	RA	12-2915 FK-SPEKTREN	73340	
		11-1318 DUENNE SCHI	74050		TT	5-1829 FLUESSIGK.	58573	W	11-1023 KERNSEKTR.	42525	
		12-3017 FK-SPEKTREN	73360		WF	5- 72 LABORTECHN.	12515	WALUS	EJ	6-2967 KOSM.PHYSIK	94560
WAKU	S	6-2156 DIELEKTRIKA	68030	WALLACE	CR	5- 729 KERN-MESSG.	40512	WAMPLER		10-3104 KOSM.PHYSIK	94560
WAL VAN DER SG		6- 665 ELEMENTART.	41540		DC	5-2014 MECH.EIG.FK	66514	WAN	KK	12- 337 FELDTHEORIE	18020
WALBRIDGE	E	5-2866 MAGNETOSPH.	91250			10-2169 THERMEIG.FK	67510	WANDERLING	F	3- 328 HYDRODYNAM.	23070
WALBRIDGE	NL	12- 712 OPT.INSTRUM	28580		PR	1-2208 LEITFHGK.FK	70056			4-2231 LEITFHGK.FK	70024
WALCHER	T	6- 585 KERN-MESSG.	40532			4-2250 LEITFHGK.FK	70056			5- 769 KERN-MESSG.	40584
WALD	DA	3- 343 AKUSTIK	23570			9-2556 OPT.EIG.FK	73610			8-2238 LEITFHGK.FK	70022
	LH	4-1694 PLASMA	57096		R	8-1436 MOLEKULE	52540	WANG	BC	8-1883 KRISTALLE	65572
WALDA	G	9-1889 KRIST.FEHL.	66065		SJ	12-1545 ATOME	52065		CC	6-1960 KRIST.FEHL.	66035
		10-1832 FLUESSIGK.	58527		W	6-2057 MECH.EIG.FK	66545			10-2674 FK-SPEKTREN	73380
WALDENRATH	W	1- 39 TAGUNGEN	10550		WD	3-2204 LEITFHGK.FK	70024	CCT	4- 548 TEILCH.OPT.	27016	
WALDENSTROM	S	8- 209 QUANTENTHED	16556		WE	10-2308 MAGN.EIG.FK	69060			4- 551 TEILCH.OPT.	27016
WALDER	J	4- 643 MASER.LASER	28060		WJ	6- 628 BESCHLEUNIG	41010			7- 460 TEILCH.OPT.	27016
WALDMAN	GS	2- 548 OPT.INSTRUM	28570	WALLACH	D	11-1512 MOLEKULE	52516			9- 380 WAERME	24060
WALDMANN	L	2- 361 THERMODYN.	24550	WALDEN	L	8-2664 DUENNE SCHI	74060	CG	12-2223 KRIST.FEHL.	66015	
		7-1667 GASE	58050	WALLE VAN DE R.T.				CH	8-2504 FK-SPEKTREN	73350	
WALDMEIER	M	2-2822 SONNENPHYS.	93300			8- 944 STARKE WW.	41725			11-1562 MOLEKULE	52550
		5-2885 SONNENPHYS.	93300			10- 903 STARKE WW.	41725	CL	2-1136 KERNSTRHLG.	44030	
WALDNER	F	7-2041 GITTERDYN.	67040	WALLEK	L	8- 754 KERN-MESSG.	40518			10- 899 STARKE WW.	41725
WALDRON	OC	3- 850 STARKE WW.	41764			8-1161 KERNSEKTR.	42565	CP	11-3124 DUENNE SCHI	74050	
WALDSTEIN	P	11-2954 FK-SPEKTREN	73370	WALLENBORN	J	11- 342 THERMODYN.	24510	CS	1-2705 GEOMAGNET.	90470	
WALDTEUFEL	P	7-2741 LUFTHUELLE	90830	WALLER	WH	11-2787 PHOTOLEITG.	72510			10-1900 DISP.SYST.	59530
		8-2796 IONOSPHAERE	91045	WALLERSTEIN	G	2-2860 STERNE	94020	CY	1-1533 PLASMA	57015	
WALECKA	JD	8- 909 ELEMENTART.	41576			8-2829 ASTROPHYSIK	93000			10-2839 ERDKOERPER	90240
		11- 755 ELEMENTART.	41578		W	9-2915 STERNE	94000			11- 345 THERMODYN.	24510
		11- 931 STARKE WW.	41790			4-2874 KOSM.PHYSIK	94540			12-1758 PLASMA	57045
		11-1002 KERNSTRUKT.	42075	WALLEY	PA	11-3094 DUENNE SCHI	74040			12-3370 IONOSPHAERE	91070
		11-1209 KERNREAKTIO	43030	WALLIN	LE	2-1589 FLUESSIGK.	58570	E	1-1366 ATOME	52030	
		12- 956 ELEMENTART.	41570	WALLIS	GB	9- 292 HYDRODYNAM.	23020	FFY	7-2181 MAGN.EIG.FK	69065	
		12- 971 ELEMENTART.	41576			9- 304 HYDRODYNAM.	23030			10-2239 MAGN.EIG.FK	69015
		12-1155 KERNSTRUKT.	42020			9- 305 HYDRODYNAM.	23030			11-2392 MAGN.EIG.FK	69035
WALEN	R	11-1158 KERNSEKTR.	42575		MK	6-2888 PLANETEN	93620	HC	2- 589 PHYS.OPTIK	29045	
	RJ	2- 937 KERNSEKTR.	42515		PM	7- 73 LABORTECHN.	12530			7- 505 HF-TECHNIK	27540
		7-1143 KERNSEKTR.	42575		RF	11-2519 MAGN.EIG.FK	69070	HSC	2-1398 PLASMA	57085	
		10-1166 KERNSEKTR.	42575			1-2531 OPT.EIG.FK	73610	IT	3- 697 KERN-MESSG.	40555	
		10-1168 KERNSEKTR.	42575			4-2016 GITTERDYN.	67040			10-1010 STARKE WW.	41790
WALES	J	5-2738 DUENNE SCHI	74060		RL	11-1982 KRISTALLE	65530	JM	3- 827 STARKE WW.	41755	
	JLS	2-1325 POLYMERE	53510		S	5-1412 MOLEKULE	52538	JR	5-2949 KOSM.PHYSIK	94530	
WALFORD	LK	6-1991 KRIST.FEHL.	66065		SL	4- 409 HYDRODYNAM.	23040	KC	9-1609 GASE	58025	
WALGER	P	2-1233 MOLEKULE	52512	WALMSLEY	DG	3-2335 SUPRALEITG.	70520			10- 707 PHYS.OPTIK	29060
WALGRAEF	D	1-2116 MAGN.EIG.FK	69025			4-2284 SUPRALEITG.	70520	KI	9-1226 ATOME	52070	
		11- 176 STATISTIK	17520		M	4-2310 SUPRALEITG.	70540	LL	2- 121 QUANTENTHED	16578	
WALINGA	J	3- 940 KERNSEKTR.	42545			2- 104 QUANTENTHED	16530			5- 874 STARKE WW.	41725
		3-1060 KERNREAKTIO	43054			6- 120 QUANTENTHED	16533	LS	4- 476 WAERME	24060	
WALKER	CT	1- 312 ELASTIZIT.	22510		SH	9-1951 GITTERDYN.	67000			9-1623 GASE	58060
	D	4-1610 PLASMA	57045	WALPOLE	JH	1-2228 LEITFHGK.FK	70065	P	2-2573 DUENNE SCHI	74010	
	DW	10-1591 MOLEKULE	52580			1-2229 LEITFHGK.FK	70065	PSC	6- 87 MATH.PHYSIK	16000	
	EH	8-2903 PLANETEN	93640			6-2323 LEITFHGK.FK	70056	S	7-2219 LEITFHGK.FK	70055	
	EP	7- 371 WAERME	24020		LJ	2-1827 MECH.EIG.FK	66514			7-2220 LEITFHGK.FK	70055
	G	5- 407 WAERME	24060	WALRAFEN	GE	5-1828 FLUESSIGK.	58573			9-2541 OPT.EIG.FK	73605
	GA	6-2648 DUENNE SCHI	74020			10-1887 FLUESSIGK.	58573			10-2560 FK-SPEKTREN	73325
	GB	9- 468 HF-TECHNIK	27530	WALSH	A	4- 669 OPT.INSTRUM	28530	ST	12-3007 FK-SPEKTREN	73360	
	GE	4- 870 ELEMENTART.	41543		D	2-2676 GRENZFL.FK	74570	WC	4-2009 GITTERDYN.	67020	
	IC	2-1485 GASENTLADG.	57815			5-1629 PLASMA	57210	WN	3-1071 KERNREAKTIO	43060	
		9-1353 MOLEKULE	52575			9-1494 PLASMA	57075	YL	3-2096 MAGN.EIG.FK	69029	
	IM	3-1649 FK-SPEKTREN	73325			12-2951 FK-SPEKTREN	73355	WANGLER	TP	11- 804 STARKE WW.	41730
		3-1650 FK-SPEKTREN	73325		J	12-3474 KOSM.PHYSIK	94550	WANGSNES	RK	3- 131 QUANTENTHED	16520
	J	6-1114 K-REAKTOREN	43500			4- 26 BIOGRAPHIEN	10230	WANIC	A	3-2116 MAGN.EIG.FK	69040
	JA	2-1302 MOLEKULE	52585		PH	3- 386 THERMODYN.	24554			4-2152 MAGN.EIG.FK	69030
		7-1480 MOLEKULE	52585		T	12-1106 STARKE WW.	41764			5-2250 MAGN.EIG.FK	69030
JC		1-1827 FK-SPEKTREN	73310		TF	11- 899 STARKE WW.	41773	WANIEK	RW	10-2803 GRENZFL.FK	74520
		2- 980 KERNSEKTR.	42565	WALSH JR.	WM	3-2233 LEITFHGK.FK	70056	WANKE	E	11-3471 BIOPHYSIK	96040
		3- 993 KERNSEKTR.	42575			6-2326 LEITFHGK.FK	70056	WANKLYN	BM	8-1901 KRISTALLE	65584
		3-1653 FK-SPEKTREN	73310	WALSTEDT	RE	1-2048 FK-SPEKTREN	73370			11-2018 DIELEKTRIKA	68020
		4-1078 KERNSEKTR.	42510			4-2092 FK-SPEKTREN	73370			11-2276 DIELEKTRIKA	68020
		6- 982 KERNSEKTR.	42565			7-1092 KERNSEKTR.	42550	WANMAKER	WL	9-2598 OPT.EIG.FK	73640
JCO		1-2709 GEOMAGNET.	90470			11-2504 MAGN.EIG.FK	69065			12-3117 OPT.EIG.FK	73625
		1-2762 IONOSPHAERE	91040			11-2927 FK-SPEKTREN	73360	WANNER	J	8- 621 OPT.INSTRUM	28510
		11-3316 IONOSPHAERE	91040	WALT	M	10-2941 MAGNETOSPH.	91226		S	5- 430 THERMODYN.	24520
		12-3362 IONOSPHAERE	91050	WALTAR	AE	2-1116 K-REAKTOREN	43520	WAPLAK	H	8-2513 FK-SPEKTREN	73355
JF		3-1179 ATOME	52065	WALTER	F	11-3335 IONOSPHAERE	91076	WAPSTRA	AH	1-1152 KERNSEKTR.	42570
		2- 749 ELEMENTART.	41576		G	4-2626 GRENZFL.FK	74535			6-1005 KERNSEKTR.	42570
		5-1127 KERNREAKTIO	43052			7- 781 KERN-MESSG.	40540			6-1006 KERNSEKTR.	42570
		6- 726 ELEMENTART.	41576		HG	9- 248 MECHANIK	22010	WARBLE	CE	7-1790 KRISTALLE	65510

WARBURTON	EK	10-1066	KERNSPEKTR.	42540	WASKO	JH	3-1939	GITTERDYN.	67060	WATSON	KM	3- 141	QUANTENTHED	16533
		10-1067	KERNSPEKTR.	42540	WASHMUND	H	5- 663	PHYS.OPTIK	29015		PG	9-2097	MAGN.EIG.FK	69025
		11-1050	KERNSPEKTR.	42545			8- 696	PHYS.OPTIK	29015			9-2098	MAGN.EIG.FK	69025
		12-1199	KERNSPEKTR.	42545	WASON	SK	11-1606	MOLEKUELE	52585		PJS	3- 842	STARKE WW.	41760
WARD	RJ	9-2240	SUPRALEITG.	70520	WASSE	MP	2-1866	MECH.EIG.FK	66556		PM	12- 429	HYDRODYNAM.	23030
	AL	11-2739	HALBLEITER	71566	WASSERLAUF	ED	12-2449	THERMEIG.FK	67553		R	3-1453	PLASMA	57253
	AT	9-2457	FK-SPEKTREN	73340	WASSERMAN	J	5-1917	KRISTALLE	65582		RD	10- 615	MASER,LASER	28060
	C	3- 757	ELEMENTART.	41574			5-2132	THERMEIG.FK	67556		RE	1-1367	ATOME	52030
	D	5-1178	KERNREAKTIO	43085			6-2120	THERMEIG.FK	67530			1-1387	ATOME	52030
		10-1313	KERNREAKTIO	43085	WASSINK	HW	12-1834	PLASMA	57093			1-2051	FK-SPEKTREN	73370
	DE	3- 70	LABORTECHN.	12530	WASSON	JT	5-2911	PLANETEN	93630			8-1853	KRISTALLE	65545
	IM	2-1333	POLYMERE	53540		OA	2-1042	KERNREAKTIO	43048			8-2457	FK-SPEKTREN	73315
	IR	4-1954	KRIST.FEHL.	66070			8-1200	KERNREAKTIO	43040			9-2516	FK-SPEKTREN	73370
	JD	3- 78	LABORTECHN.	12550	WASZINK	JH	10-1229	KERNREAKTIO	43046			10-2362	LEITFHGK.FK	70024
	JF	3- 545	MASER,LASER	28060	WATAGHIN	A	12-2555	MAGN.EIG.FK	69040		RL	1- 721	KERN-MESSG.	40510
	JJ	2-2354	HALBLEITER	71540			1- 715	KERNPHYSIK	40000			5-1237	ATOME	52010
	JW	6-1598	GASE	58025			10-3117	KOSM.PHYSIK	94583			6-1111	KERNREAKTIO	43092
		6-1599	GASE	58025		G	12-1094	STARKE WW.	41760		RW	1- 299	MECHANIK	22036
		9-2041	THERMEIG.FK	67556		V	12-1095	STARKE WW.	41760		SR	3-1336	PLASMA	57026
	L	6-2679	DUENNE SCHI	74060			12- 978	ELEMENTART.	41586			3-1337	PLASMA	57026
	SH	8-2899	PLANETEN	93640			12- 979	ELEMENTART.	41586		TW	7- 392	THERMEIG.FK	67520
		9-2722	GEOMAGNET.	90440	WATAL	C	12- 917	ELEMENTART.	41540		WW	3-1501	GASE	58025
		11-3237	GEOMAGNET.	90460			12- 990	STARKE WW.	41710	WATSON MUNRO C.N.		2-1390	PLASMA	57080
	TC	8-2032	MECH.EIG.FK	66514			12-1020	STARKE WW.	41725			3-1371	PLASMA	57050
		9-1417	POLYMERE	53542	WATANABA	H	11-2086	KRIST.FEHL.	66025			12-1806	PLASMA	57080
	TE	8-1171	KERNSPEKTR.	42570	WATANABE	A	1- 622	OPT.INSTRUM	28530			12-1807	PLASMA	57080
		9- 977	KERNSPEKTR.	42565			2-2051	FK-SPEKTREN	73355	WATT	DF	7-1991	MECH.EIG.FK	66545
WARDER JR.	RC	5-1691	GASENTLADG.	57880			3-1692	KRISTALLE	65578		TM	2-2784	IONOSPHERE	91045
WARE	AR	7- 813	KERN-MESSG.	40582			3-2354	METAL.LEITG	71010	WATTEAU	JP	9-1571	PLASMA	57276
	D	5-2165	FK-SPEKTREN	73370			6-1287	MOLEKUELE	52534	WATTENBERG	A	3- 742	ELEMENTART.	41546
		11-2943	FK-SPEKTREN	73370			6-1289	MOLEKUELE	52536			4- 877	ELEMENTART.	41546
		12-3038	FK-SPEKTREN	73370			6-2212	FK-SPEKTREN	73355	WATTERICH	A	7-1895	KRIST.FEHL.	66030
		12-3071	FK-SPEKTREN	73370			10-2034	KRIST.FEHL.	66030	WATTRODT	H	9-1777	KRISTALLE	65570
WAREING	WR	9-1342	MOLEKUELE	52560			11-1933	FLUESSIGK.	58560	WATTS	BE	12-3166	DUENNE SCHI	74010
WARES	JB	10-1465	ATOME	52070		D	12-2953	FK-SPEKTREN	73355		BR	1-2175	LEITFHGK.FK	70024
	GW	5-1628	PLASMA	57206		H	8-1892	KRISTALLE	65574		H	3-1505	GASE	58025
		6-1182	ATOME	52040			2- 152	QU.FELDTHO	17010		JF	3- 89	VAKUUM	13010
WARGIN	RV	11-1627	POLYMERE	53542			2- 424	TEILCH.OPT.	27030		RO	10-1776	GASE	58010
WARMAN	H	2- 990	KERNSPEKTR.	42570			2- 671	BESCHLEUNIG	41010	WAUCHOP	TS	9-1359	MOLEKUELE	52575
WARMAN	V	1-1969	GITTERDYN.	67020			2-1686	KRISTALLE	65576	WAUGH	JS	2-1598	FLUESSIGK.	58557
WARMKE	CS	2- 906	KERNSTRUKT.	42020			3-1338	PLASMA	57070			3-1586	FLUESSIGK.	58557
		4-2470	FK-SPEKTREN	73380			5-2192	FK-SPEKTREN	73355			4-1752	GASE	58050
		5- 811	ELEMENTART.	41550			9- 587	OPT.INSTRUM	28570			6-2179	FK-SPEKTREN	73370
		7-1018	KERNSTRUKT.	42070			9-2378	FK-SPEKTREN	73310			8- 556	HF-TECHNIK	27560
		7-2515	FK-SPEKTREN	73380			12-3161	DUENNE SCHI	74010			8-2504	FK-SPEKTREN	73350
WARLICK	TA	11-1159	KERNREAKTIO	43005		K	1- 849	STARKE WW.	41710			10-2655	FK-SPEKTREN	73370
WARLIMONT	MEIER	3-1316	POLYMERE	53544			1-1493	MOLEKUELE	52585			11-1562	MOLEKUELE	52550
		1-1886	KRIST.FEHL.	66035			2- 851	STARKE WW.	41755	WAWNER JR.	FE	5-2029	MECH.EIG.FK	66516
WARMAN	J	10-2482	HALBLEITER	71540			3-1276	MOLEKUELE	52585	WAWRA	H	5-2026	MECH.EIG.FK	66514
WARMING	E	2- 912	KERNSTRUKT.	42040			4-1542	MOLEKUELE	52570			12-2284	KRIST.FEHL.	66035
	RF	5- 392	WAERME	24050			6- 751	ELEMENTART.	41546	WAX	R	12-3304	GEOMAGNET.	90470
WARMKESSEL	BM	3-2360	HALBLEITER	71510			6- 793	ELEMENTART.	41510		RL	5- 776	BESCHLEUNIG	41010
WARNECK	P	6-1346	MOLEKUELE	52575			8- 864	ELEMENTART.	41546			5-1639	IONOSPHERE	91000
		6-2817	IONOSPHERE	91020			8-1675	PLASMA	57250	WAXMAN	A	11-3198	GRENZFL.FK	74570
WARNECKE	RJ	3-1189	ATOME	52085		M	1-2602	DUENNE SCHI	74010	WAYLAND JR.	JR	12- 833	KERN-MESSG.	40565
		3-1190	ATOME	52085			2-1719	KRISTALLE	65588	WAYMAN	CM	6-2624	DUENNE SCHI	74010
WARNER	AG	10-1363	KERNSTRHLG.	44000			3-1325	PLASMA	57235			6-2625	DUENNE SCHI	74010
	AW	7-1984	MECH.EIG.FK	66514			3-1452	PLASMA	57279			8-2645	DUENNE SCHI	74030
	B	3-2856	SONNENPHYS.	93314			9-2384	FK-SPEKTREN	73320	WAYNE	RC	1-1867	KRIST.FEHL.	66020
		4-1364	ATOME	52040			10-2799	DUENNE SCHI	74060	WAYTE	RC	4- 556	TEILCH.OPT.	27030
		11-3409	STERNE	90400		N	3-2051	FK-SPEKTREN	73370	WAZZAN	AR	1-1912	MECH.EIG.FK	66514
	C	3- 82	LABORTECHN.	12580			4-2509	FK-SPEKTREN	73325			2-2139	MAGN.EIG.FK	69060
	CY	10- 435	WAERME	24050			2-2025	FK-SPEKTREN	73370			6- 308	WAERME	24060
	D	4- 146	LABORTECHN.	12570		S	10-1711	PLASMA	57080	WDMWCZYK	J	10- 384	HYDRODYNAM.	23030
		6-2166	FK-SPEKTREN	73370		T	3-1184	ATOME	52065			5-2813	KOSM.STRLG.	90630
		12- 580	HF-TECHNIK	27560			5-1306	ATOME	52065			11-3272	KOSM.STRLG.	90646
	DA	10- 649	OPT.INSTRUM	28550			7-2472	FK-SPEKTREN	73355	WEAIRE	D	10-1980	KRISTALLE	65582
	DJ	10- 808	BESCHLEUNIG	41030			9-2973	KOSM.PHYSIK	94520	WEANER	D	7-1450	MOLEKUELE	52560
	GP	3-1093	KERNREAKTIO	43092		Y	3-1680	KRISTALLE	65572	WEAR	KB	9- 80	VAKUUM	13013
		5-1145	KERNREAKTIO	43048		Z	8-1049	STARKE WW.	41783		JH	9- 168	QUANTENTHED	16585
	H	12-3486	BIOPHYSIK	96040	WATARI	F	12-1632	MOLEKUELE	52538			10-1575	MOLEKUELE	52570
	RE	7-1234	KERNREAKTIO	43080		W	5- 863	STARKE WW.	41700	WEATHERLY	GC	9-1919	MECH.EIG.FK	66514
WARNES	RH	6-2056	MECH.EIG.FK	66545			5-1005	KERNSTRUKT.	42020			12-2272	KRIST.FEHL.	66035
WARNICK	A	3- 467	HF-TECHNIK	27560			5-1012	KERNSTRUKT.	42045		TL	11-1544	MOLEKUELE	52536
WARNOCK	RL	3- 186	QUANTENTHED	16585			8-1080	KERNSTRUKT.	42045	WEAVER	C	12-3188	DUENNE SCHI	74030
		5- 190	QUANTENTHED	16585	WATARUMI	C	8-1288	KERNSTRHLG.	44010		CW	1-1933	MECH.EIG.FK	66545
WAROUX	DM	5-1641	PLASMA	57010	WATASE	Y	11- 917	STARKE WW.	41783		DL	7- 878	ELEMENTART.	41574
WARREN	AC	5-2400	SUPRALEITG.	70520	WATEL	G	11-1480	ATOME	52085			7- 879	ELEMENTART.	41574
		5-2401	SUPRALEITG.	70520	WATERBEEMD	YAN	DE J.G.W.					7- 880	ELEMENTART.	41574
	FWG	9- 337	HYDRODYNAM.	23070			2-2592	DUENNE SCHI	74020			10- 240	QU.FELDTHO	17010
	JB	9-1074	KERNREAKTIO	43075	WATERFIELD	CG	12-2450	THERMEIG.FK	67556			11- 743	ELEMENTART.	41574
	JC	9-1218	ATOME	52065	WATERS	GW	6-1661	FLUESSIGK.	58527		EA	12- 281	QU.FELDTHO	17015
	JL	9-1958	GITTERDYN.	67010		JR	4-2878	KOSM.PHYSIK	94540			11-1900	FLUESSIGK.	58530
		12-2390	GITTERDYN.	67020		RT	9-1593	GASENTLADG.	57870	HE	12- 575	HF-TECHNIK	27560	
	KA	3- 100	VAKUUM	13025		WA	8- 29	TABUNGEN	10550	JN	10- 804	BESCHLEUNIG	41030	
	RW	2-2308	HALBLEITER	71510	WATKINS	RA	2- 357	THERMODYN.	24533	JS	7-2007	MECH.EIG.FK	66545	
WARSH	KL	4-1272	KERNREAKTIO	43075			4- 495	THERMODYN.	24533	JT	4- 533	ELEKTRODYN.	26530	
		12-1357	KERNREAKTIO	43054			8-1748	FLUESSIGK.	58527	LA	7-2554	OPT.EIG.FK	73640	
WARSHAVSKY	M	9-1657	FLUESSIGK.	58530	WATKINSON	A	12-3388	SONNENPHYS.	93312			12- 623	MASER,LASER	28055
WARSHAW	M	1-2753	LUFTHUELLE	90895		AP	6-1675	FLUESSIGK.	58540	LD	6-1213	ATOME	52070	
WARSAWSKI	J	5- 548	MASER,LASER	28040			12-2001	FLUESSIGK.	58546	LE	6-1131	K-REAKTOREN	43520	
WARTENBERG	B	10-2206	DIELEKTRIKA	68020	WATMOUGH	DJ	6-1661	FLUESSIGK.	58527	CE	4- 638	MASER,LASER	28055	
WARTSKI	L	5- 786	BESCHLEUNIG	41030	WATSON	BA	11-1329	KERNREAKTIO	43080			7-1338	PLASMA	57010
		9- 713	BESCHLEUNIG	41020		BC	1- 557	MASER,LASER	28045	DC	2- 448	HF-TECHNIK	27540	
		12- 892	BESCHLEUNIG	41020		C	7-1864	KRIST.FEHL.	66010	DV	7-1167	KERNREAKTIO	43024	
WARWICK	JW	1-2804	PLANETEN	93614			10-2099	MECH.EIG.FK	66540	G	6- 47	MESSEN	12240	
		7-2853	SONNENPHYS.	93326		CE	2-1060	KERNREAKTIO	43060	GAM	7-2569	OPT.EIG.FK	73655	
		9-												

WEBER	F	5- 35	BUECHER	11030	WEIDLICH	W	8- 567	MASER,LASER	28035	WEISBERGER	WI	11- 677	ELEMENTART.	41510
	G	2- 751	ELEMENTART.	41576			11- 204	STATISTIK	17535	WEISBUCH	G	3-2231	LEITFHOK.FK	70056
		2- 756	ELEMENTART.	41586			12- 589	MASER,LASER	28035	WEISE	G	6-1797	KRISTALLE	65518
		3- 689	KERN-MESSG.	40532	WEIDNER	HA	10- 791	BESCHLEUNIG	41020			6-2397	METAL.LEITG	71010
		6-2851	ASTROPHYSIK	93000	WEIGEL	M	9- 895	KERNSTRUKT.	42020		K	12-3445	KOSM.PHYSIK	94500
		7-1810	KRISTALLE	65545			9- 997	KERNREAKTIO	43010	WEISENBERGER	H	4-1461	MOLEKUELE	52528
		7-2074	THERMEIG.FK	67510			10-1022	KERNSTRUKT.	42020			12-1613	MOLEKUELE	52528
		7-2465	FK-SPEKTREN	73355	WEIGERT	A	1-2818	STERNE	94040	WEISMAN	ID	4-2093	FK-SPEKTREN	73370
		12-1434	K-REAKTOREN	43520			7-2900	STERNE	94040	WEISS	A	2-1629	KRISTALLE	65540
	H	1- 954	STARKE WW.	41764	WEIGMANN	H	5-1141	KERNREAKTIO	43046			2-2006	FK-SPEKTREN	73370
		5- 543	MASER,LASER	28040	WEIGT	M	4-1905	KRIST.FEHL.	66020			2-2007	FK-SPEKTREN	73370
		11- 809	STARKE WW.	41730		P	6- 965	KERN-SPEKTR.	42560			2-2008	FK-SPEKTREN	73370
	HH	8-2624	OPT.EIG.FK	73650			7- 771	KERN-MESSG.	40527			4-1858	KRISTALLE	65545
	HJ	5-1117	KERNREAKTIO	43020			8-1123	KERN-SPEKTR.	42545			12-2118	KRISTALLE	65540
		12-1073	STARKE WW.	41753			2-1233	MOLEKUELE	52512			12-3066	FK-SPEKTREN	73370
	HW	11-2617	SUPRALEITG.	70520	WEIGUNY	A	3- 899	KERNSTRUKT.	42075			12-3074	FK-SPEKTREN	73370
	J	6-1046	KERNREAKTIO	43042			11- 949	KERNSTRUKT.	42020		AW	5-1264	ATOME	52040
		9-2467	FK-SPEKTREN	73355			9-2392	FK-SPEKTREN	73325			8-1325	ATOME	52040
		11- 237	FELDTHEORIE	18045	WEIHER	DL	9-2391	FK-SPEKTREN	73325			10-1385	ATOME	52010
	JA	5-1590	PLASMA	57070	WEIHOFEN	WH	4-1548	MOLEKUELE	52575		B	1-1964	GITTERDYN.	67060
	JH	9- 776	ELEMENTART.	41574	WEIJLAND	A	3-1512	GASE	58025		CF	6-1136	KERNSTRHLG.	44000
	JP	7-1448	MOLEKUELE	52553			8-1713	GASE	58025		GH	3- 229	STATISTIK	17540
	MJ	1-1817	KRISTALLE	65545			11-1846	GASE	58025			10- 130	MATH.PHYSIK	16020
		2-2497	FK-SPEKTREN	73340	WEIJNSFELD	CH	2-2289	SUPRALEITG.	70520		H	6-2409	HALBLEITER	71510
		2-2498	FK-SPEKTREN	73340	WEIK	H	3-2644	DUENNE SCHI	74050		HJ	1-2800	PLANETEN	93610
		9-2583	OPT.EIG.FK	73630			7-1826	KRISTALLE	65572		J	5- 176	QUANTENTHEO	16550
	R	12-2897	FK-SPEKTREN	73330	WEIL	C	5- 982	STARKE WW.	41773			8-1974	KRIST.FEHL.	66040
	RE	7-2624	GRENZFL.FK	74510		J	7- 133	QUANTENTHEO	16516		JO	3-1311	POLYMERE	53540
	T	12-1163	KERNSTRUKT.	42070		JL	4-1261	KERNREAKTIO	43064		K	12-2375	GITTERDYN.	67010
		12-1238	KERN-SPEKTR.	42555		L	3-2339	SUPRALEITG.	70560		KH	12-2030	FLUESSIGK.	58557
	TA	1- 193	QUANTENTHEO	16588			5- 508	TEILCH.OPT.	27040		MS	10-1014	KERNSTRUKT.	42010
	W	4-1133	KERN-SPEKTR.	42565	WEILER	HS	9-2760	LUFTHUELLE	90830			12-1141	STARKE WW.	41790
	WM	5-2555	FK-SPEKTREN	73315		KW	10-3092	KOSM.PHYSIK	94550		P	5- 61	MESSEN	12250
WEBER VON	S	6-1119	K-REAKTOREN	43515		MH	6-2465	HALBLEITER	71570		R	6-1244	ATOME	52085
		6-1626	FLUESSIGK.	58520	WEILL	G	1-2761	IONOSPHERE	91020			8- 77	UNTERRICHT	12035
WEBSDALE	D	3- 848	STARKE WW.	41764			4-2236	LEITFHOK.FK	70028		RF	12- 431	HYDRODYNAM.	23030
		6- 837	STARKE WW.	41770			4-2697	GEOMAGNET.	90470		RJ	2-1674	KRISTALLE	65572
WEBSTER	AR	8-2802	IONOSPHERE	91070			4-2742	LUFTHUELLE	90870			8-1292	KERNSTRHLG.	44030
	AS	7-2940	KOSM.PHYSIK	94550			10-2903	LUFTHUELLE	90870		S	12-1631	MOLEKUELE	52538
	E	2-1794	KRIST.FEHL.	66065			11-1630	POLYMERE	53544		WD	2-2155	MAGN.EIG.FK	69065
	HF	3-2623	DUENNE SCHI	74020		GM	8-2784	LUFTHUELLE	90870			7-2180	MAGN.EIG.FK	69065
	MS	2- 827	STARKE WW.	41745		H	7-2130	DIELEKTRIKA	68050			9-2129	MAGN.EIG.FK	69050
	PJ	3-2126	MAGN.EIG.FK	69040		J	7-1260	K-REAKTOREN	43520	WEISSBERGER	A	7- 49	BUECHER	11020
		11-2457	MAGN.EIG.FK	69060	WEIN	O	11- 258	ELASTIZIT.	22520		E	6-1350	MOLEKUELE	52575
WECHLER	W	7- 131	QUANTENTHEO	16516	WEINBAUM	S	5- 304	HYDRODYNAM.	23020	WEISSE	E	12- 900	BESCHLEUNIG	41040
WECHSLER	LD	12-3486	BIOPHYSIK	96040			10-1672	PLASMA	57045	WEISSFLOCH	CF	3-2047	FK-SPEKTREN	73370
WECHT	KW	5-1470	MOLEKUELE	52580	WEINBERG	A	1-1296	K-REAKTOREN	43595			3-2056	FK-SPEKTREN	73355
		5-1826	FLUESSIGK.	58573			6- 850	STARKE WW.	41783			4-2117	FK-SPEKTREN	73355
WECKER	C	5-2626	OPT.EIG.FK	73610			10-1005	STARKE WW.	41783			5-2082	GITTERDYN.	67040
WECKLER	GP	7- 643	OPT.INSTRUM	28550		DL	4-2467	FK-SPEKTREN	73340	WEISSGLAS	P	9-2291	HALBLEITER	71540
WEDEPOHL	PT	11-1401	ATOME	52010			5- 549	MASER,LASER	28040			11-2713	HALBLEITER	71540
		12-1534	ATOME	52060			6-1618	GASE	58060	WEISSHAEUPL	HA	12-1328	KERNREAKTIO	43040
WEDGWOOD	WA	12-2509	MAGN.EIG.FK	69010		F	4- 49	TAGUNGEN	10560			12-1329	KERNREAKTIO	43040
WEDLER	G	9-2675	GRENZFL.FK	74535			6-2012	MECH.EIG.FK	66500	WEISSKOPF	MC	4-1368	ATOME	52010
WEEKES	TC	1-2722	KOSM.STRLG.	90646		FJ	1- 648	OPT.INSTRUM	28570			4-1369	ATOME	52035
WEEKS	LH	4-2818	SonnenPHYS.	93316		I	1-2402	SUPRALEITG.	70520		VF	1- 3	ALLGEMEINES	10000
	RA	10-2617	FK-SPEKTREN	73355			1-2421	THERMOELEKT	72010			2- 868	STARKE WW.	41760
		12-2978	FK-SPEKTREN	73355			3-2450	THERMOELEKT	72010			2-1152	ATOME	52020
WEENINK	MPH	6-1507	PLASMA	57085		MC	7-1326	ATOME	52047			5- 2	BIOGRAPHIEN	10213
		6-1508	PLASMA	57085		S	1- 220	QU.FELDTHEO	17030			5- 6	BIOGRAPHIEN	10216
WEERT DE	CMH	4-2910	SEHEN	96618			1- 806	ELEMENTART.	41546	WEISSMAN	S	11- 876	STARKE WW.	41760
WEERT VAN	CG	10-1774	GASE	58010			2- 840	STARKE WW.	41753			12-1061	STARKE WW.	41750
		10-1775	GASE	58010			3-1381	PLASMA	57055	WEISSMAN	S	1-1715	BASE	58025
WEERTMAN	J	5-1973	KRIST.FEHL.	66035			7- 948	STARKE WW.	41753	WEISSMANN	E	10-2816	GRENZFL.FK	74555
		6-2022	MECH.EIG.FK	66516			8- 843	ELEMENTART.	41520	WEISZ	SZ	12-2798	HALBLEITER	71560
		8-1961	KRIST.FEHL.	66035			8-1030	STARKE WW.	41764	WEITKAMP	C	3-1039	KERNREAKTIO	43048
WEG VAN DER	WF	1-1421	ATOME	52065			9- 181	QU.FELDTHEO	17015		WG	6-1000	KERN-SPEKTR.	42570
		9-2667	GRENZFL.FK	74520	WEINER	JH	4-1901	KRIST.FEHL.	66010			9-1056	KERNREAKTIO	43064
		11-3155	GRENZFL.FK	74520		KL	12-2222	KRIST.FEHL.	66010	WEITSCH	A	10-1145	KERN-SPEKTR.	42565
WEGENER	H	9-2367	FK-SPEKTREN	73310			7-2589	DUENNE SCHI	74020			12-1210	KERN-SPEKTR.	42545
	J	12-1622	MOLEKUELE	52536			8-1897	KRISTALLE	65580	WEITZNER	H	11-1755	PLASMA	57085
	PP	3-1520	GASE	58045		MM	6-2806	LUFTHUELLE	90860	WEIZER	VG	2- 411	TEILCH.OPT.	27013
	VD	10- 543	HF-TECHNIK	27560			7- 719	PHYS.OPTIK	29066			5- 507	TEILCH.OPT.	27040
WEGER	M	9-2241	SUPRALEITG.	70550		RM	3- 835	STARKE WW.	41753	WEKKEN VAN DER	C.J.	5-2058	MECH.EIG.FK	66596
		12-2727	SUPRALEITG.	70550			8- 880	ELEMENTART.	41550	WELBER	B	9-2389	FK-SPEKTREN	73325
WEGERLE	H	12-2952	FK-SPEKTREN	73355			12- 945	ELEMENTART.	41550	WELBORN	J	1-2355	HALBLEITER	71530
WEGMANN	G	10-1022	KERNSTRUKT.	42020		S	4- 682	OPT.INSTRUM	28553	WELCH	DO	7- 303	ELASTIZIT.	22520
		11- 946	KERNSTRUKT.	42020	WEINERT	RW	9-2411	FK-SPEKTREN	73325		JA	3-2843	MAGNETOSPH.	91230
WEGNER	F	4-2149	MAGN.EIG.FK	69025	WEINGART	RC	5- 662	PHYS.OPTIK	29015		KJ	3- 108	VAKUUM	13030
	HE	1- 761	BESCHLEUNIG	41020			7- 777	PHYS.OPTIK	29015	WELCH JR.	JA	11-1772	PLASMA	57093
		9- 711	BESCHLEUNIG	41020			7-2578	DUENNE SCHI	74010	WELDON	D	11- 895	STARKE WW.	41770
WEHMANN	A	5- 965	STARKE WW.	41764	WEINHARDT	K	5-1587	PLASMA	57075			11- 896	STARKE WW.	41773
AW		11- 812	STARKE WW.	41735	WEINHOLD	F	2- 95	QUANTENTHEO	16526	WELFORD	WT	4- 692	OPT.INSTRUM	28500
WEHNER	RK	2-1891	GITTERDYN.	67040			6-1156	MOLEKUELE	52510			5-2752	GRENZFL.FK	74520
		6-2071	GITTERDYN.	67010	WEINREB	A	11-1633	POLYMERE	53546			8- 787	KERN-MESSG.	40555
WEHRING	BW	1-1270	KERNREAKTIO	43092	WEINREICH	G	12-1963	FLUESSIGK.	58527			8- 788	KERN-MESSG.	40555
WEI	CC	3-1499	GASE	58025	WEINSTEIN	H	2-1608	KRISTALLE	65510	WELGE	KH	1-1494	MOLEKUELE	52585
		8-1629	PLASMA	57260			6- 565	KERN-MESSG.	40584			2-1298	MOLEKUELE	52585
		12- 173	MATH.PHYSIK	16020	WEINSTOCK	B	8-1472	MOLEKUELE	52575			4-1514	MOLEKUELE	52560
	CT	2-1845	MECH.EIG.FK	66545		EV	2- 645	KERN-MESSG.	40525			5-1478	MOLEKUELE	52580
	T	11-1057	KERN-SPEKTR.	42545		H	7-2085	THERMEIG.FK	67505			8- 621	OPT.INSTRUM	28516
WEIBEL	ES	1-1622	PLASMA	57075		J	7-1584	PLASMA	57075			9-1338	MOLEKUELE	52560
		2-1458	PLASMA	57260			7-2784	IONOSPHERE	91045	WELIACHEN	L	2-2882	KOSM.PHYSIK	94550
		8-1577	PLASMA	57026			11-1682	PLASMA	57033	WELKE	HJ	12-1210	KERN-SPEKTR.	42545
WEICHARDT	H	1- 27	TAGUNGEN	10530			12-1746	PLASMA	57030	WELKER	JE	7-1335	ATOME	52065
WEICHEL	H	1-1631	PLASMA	57085			4- 85	UNTERRICHT	12025			8-1342	ATOME	52065
WEICHERT	GH	4- 126	MESSEN	12240		R	5- 43	UNTERRICHT	12025	WELLENSTEIN				

WELLS - WHITING

JS	6-2199	FK-SPEKTREN	73355	WERTHEIMER R	4- 38	TAGUNGEN	10535	WHANG	YC	11- 283	HYDRODYNAM.	23020	
MR	11- 57	LABORTECHN.	12570	WERTS	A	10- 641	OPT.INSTRUM	28540		12-3422	PLANETEN	93650	
	10-2174	THERMEIG.FK	67510	WERTZ	JE	6-2201	FK-SPEKTREN	73355	WHARTON	CB	5-1600	PLASMA	57085
	11-2454	MAGN.EIG.FK	69060			9-2477	FK-SPEKTREN	73355		7-1571	PLASMA	57085	
	11-2480	MAGN.EIG.FK	69060			4-1328	KERNSTRHLG.	44030	W	6-1000	KERNSEKTR.	42570	
RA	10-2996	PLANETEN	93613	WESOLOWSKI JJ	1-1262	KERNREAKTIO	43080			11-1146	KERNSEKTR.	42570	
CS	7- 324	HYDRODYNAM.	23020		2-1049	KERNREAKTIO	43054	WHEALTON	JM	12-1721	PLASMA	57010	
	12- 432	HYDRODYNAM.	23030	WESS	J	5- 211	QU.FELDTHEO	17025	WHEAT	LL	8-1258	K-REAKTOREN	43515
JC	10-2504	HALBLEITER	71585		6- 160	QU.FELDTHEO	17015	WHEATLEY	JC	9-1649	FLUESSIGK.	58527	
FE	1-1506	FLUESSIGK.	58557	WESSEL	G	8-2520	FK-SPEKTREN	73355		9-1989	THERMEIG.FK	67510	
HL	4- 24	BIOGRAPHIEN	10230		11-2438	MAGN.EIG.FK	69050			9-1990	THERMEIG.FK	67510	
	4-1485	MOLEKULE	52540	GK	P	11- 24	BUECHER	11010	WHEELER	JA	4-2893	KOSM.PHYSIK	94570
	6-1287	MOLEKULE	52534	W	4- 279	QU.FELDTHEO	17040			5- 14	BIOGRAPHIEN	10220	
	6-1289	MOLEKULE	52536	WR	8-1379	MOLEKULE	52510		L	5-2993	SEHEN	96618	
	7-1434	MOLEKULE	52540	WESSON	JA	6-1553	PLASMA	57260	RG	1-2004	THERMEIG.FK	67553	
LB	1-2043	FK-SPEKTREN	73370		8-1616	PLASMA	57260			11-2874	FK-SPEKTREN	73330	
RE	11-2966	FK-SPEKTREN	73370	RA	1-2589	DUENNE SCHI	74010	WHELAN	MJ	7-2626	KRISTALLE	65572	
	2-1169	ATOME	52030		3-2650	DUENNE SCHI	74060	WHETSTONE	S	6-1073	KERNREAKTIO	43056	
	9-1171	ATOME	52022	WEST	C	9- 334	HYDRODYNAM.	23070	WHETTEN	NR	9- 88	VAKUUM	13022
RL	2- 287	HYDRODYNAM.	23060		9- 335	HYDRODYNAM.	23070			9- 90	VAKUUM	13025	
H	10-1806	FLUESSIGK.	58520	CD	2-2541	OPT.EIG.FK	73655			9- 91	VAKUUM	13025	
LM	6- 360	TEILCH.OPT.	27030	CH	3- 848	STARKE WW.	41764	WHIFFEN	DH	1-1461	MOLEKULE	52543	
	11- 648	BESCHLEUNIG	41010	DC	12-3493	SEHEN	96614			2-1523	GASE	58060	
W	2-1322	MOLEKULE	52547	E	3- 799	STARKE WW.	41725			6-1365	MOLEKULE	52550	
KF	4-2001	MECH.EIG.FK	66556		10- 890	STARKE WW.	41725			12-3087	FK-SPEKTREN	73375	
ZENIS VAN R.G.					10- 892	STARKE WW.	41725	WHIPPEY	PW	4-2525	OPT.EIG.FK	73655	
	9-2191	LEITFHGK.FK	70056	ED	6-2105	THERMEIG.FK	67510	WHIPPLE JR. EC		4-2720	LUFTHUELLE	90815	
S	1- 222	QU.FELDTHEO	17040	EJ	8- 757	KERN-MESSG.	40518			3-1674	KRISTALLE	65572	
SH	5-2602	OPT.EIG.FK	73610		11-3503	STRAHL.BIOL	97010	WHITAKER	A	6-1838	KRISTALLE	65572	
	10-2565	FK-SPEKTREN	73325	GB	2- 112	QUANTENTHEO	16570		W	6-1210	ATOME	52070	
K	2-1854	MECH.EIG.FK	66550		5- 947	STARKE WW.	41755			11-1452	ATOME	52070	
WT	10-2654	FK-SPEKTREN	73370		8- 915	ELEMENTART.	41583	WHITBY	KT	12-2090	DISP.SYST.	59540	
RW	11-3494	HOEREN	96320		12-1101	STARKE WW.	41764	WHITCHER	RE	6- 403	MASER,LASER	28045	
B	2- 502	OPT.INSTRUM	28510	RN	10-1378	KERNSTRHLG.	44030	WHITCOMB	BM	10-1721	PLASMA	57093	
	5-1281	ATOME	52045	WESTCOTT BS	8- 517	ELEKTRODYN.	26530	WHITE	A	6-1373	POLYMERE	53525	
LW	2-1589	FLUESSIGK.	58570	WESTENBERG AA	6-1345	MOLEKULE	52575		AD	3- 533	MASER,LASER	28055	
	2-1590	FLUESSIGK.	58570		9-1357	MOLEKULE	52575		AM	3- 499	MASER,LASER	28045	
H	12-2050	FLUESSIGK.	58565	WESTENDORF W	3- 637	PHYS.OPTIK	29060		D	4-2540	DUENNE SCHI	74010	
H	10-3074	KOSM.PHYSIK	94510	WESTGAARD L	3- 958	KERNSEKTR.	42560		DH	2- 785	STARKE WW.	41725	
D	3-1142	ATOME	52030	WESTIN S	6- 6	BIOGRAPHIEN	10215			9- 805	STARKE WW.	41725	
G	8-2772	LUFTHUELLE	90850	WESTLAKE DG	7-1843	KRISTALLE	65584		DJ	2-2621	DUENNE SCHI	74060	
H	5- 71	LABORTECHN.	12515	WESTON LW	12- 767	KERN-MESSG.	40505			12- 388	ELASTIZIT.	22510	
HR	5-2690	DUENNE SCHI	74010	VH	1-1639	PLASMA	57075			12-3191	DUENNE SCHI	74040	
M	7- 824	BESCHLEUNIG	41010		4- 728	PHYS.OPTIK	29033	DL	8- 671	OPT.INSTRUM	28570		
	8-1670	PLASMA	57235		11-1801	PLASMA	57075	DR	7- 756	KERN-MESSG.	40518		
J	4-1070	KERNSTRUKT.	42075	WESTON JR. RE	5-1466	MOLEKULE	52570		FA	2-1131	KERNSTRHLG.	44010	
	9- 899	KERNSTRUKT.	42030	WESTOVER LB	1- 748	KERN-MESSG.	40570	FK	2-2251	LEITFHGK.FK	70076		
CY	5-2235	MAGN.EIG.FK	69025	WESTPFAHL K	2- 211	FELDTHEORIE	18040		3-1991	THERMEIG.FK	67530		
NC	2- 439	HF-TECHNIK	27530		4- 326	FELDTHEORIE	18042	HW	10-2327	MAGN.EIG.FK	69070		
J	12- 79	BUECHER	11020		6- 207	FELDTHEORIE	18020		6-2466	HALBLEITER	71570		
S	10-1529	MOLEKULE	52524		6- 220	MECHANIK	22000		3-1968	THERMEIG.FK	67510		
CH	8-3030	HOEREN	96310		6- 349	ELEKTRODYN.	26540	IG	3-1973	THERMEIG.FK	67510		
	11-3490	HOEREN	96310		12- 726	PHYS.OPTIK	29033	JA	7-2684	ERDKOERPER	90210		
U	4-1398	ATOME	52055	WESTPHAL H	10- 331	MECHANIK	22010		2-1650	KRISTALLE	65545		
H	8-1127	KERNSEKTR.	42545	JA	2-2849	PLANETEN	93640		4- 634	MASER,LASER	28055		
	12- 966	ELEMENTART.	41574	K	6-2903	PLANETEN	93640	JG	5-1903	KRISTALLE	65572		
12- 966	MOLEKULE	52560		KO	4- 546	TEILCH.OPT.	27013		11-2313	MAGN.EIG.FK	69010		
3-1254	MAGNETOSPH.	91220	WESTRUM JR. EF	W	6- 44	UNTERRICHT	12030	JJ	4-2448	FK-SPEKTREN	73330		
6-2922	STERNE	94030	WESTWATER FL	5-2877	ASTROPHYSIK	93000			4-2449	FK-SPEKTREN	73330		
9-2849	Sonnenphys.	93324	JM	3- 180	QUANTENTHEO	16578	JL	9-1418	POLYMERE	53542			
12-3457	KOSM.PHYSIK	94520	MJ	3- 179	QUANTENTHEO	16578	JNJ	12-1014	STARKE WW.	41725			
6-1990	KRIST.FEHL.	66065	RA	1-1954	GITTERDYN.	67020	JW	7-1272	KERNSTRHLG.	44010			
11-2644	SUPRALEITG.	70550	ARC	6-2710	GRENZFL.FK	74535	KJ	2-1258	MOLEKULE	52543			
12-2183	KRISTALLE	65576	BA	10-1000	STARKE WW.	41783	KL	11-1924	FLUESSIGK.	58550			
8- 944	STARKE WW.	41725	JF	7-2038	GITTERDYN.	67020	OR	10-3036	STERNE	94020			
1- 892	STARKE WW.	41750	RT	1-2733	LUFTHUELLE	90830	PH	3-1093	KERNREAKTIO	43092			
10- 729	KERN-MESSG.	40503	AM	1- 877	STARKE WW.	41740	R	6- 658	ELEMENTART.	41530			
12- 10	BIOGRAPHIEN	10215		9- 835	STARKE WW.	41740		7- 195	QU.FELDTHEO	17015			
1- 660	PHYS.OPTIK	29010	WETHERELL AM	12-1046	STARKE WW.	41740		12-2878	FK-SPEKTREN	73325			
5- 639	OPT.INSTRUM	28570		7-2874	PLANETEN	93630	RB	8- 991	STARKE WW.	41753			
7- 979	STARKE WW.	41764	GW	12-3407	PLANETEN	93630	RJ	1-1338	ATOME	52010			
8-1223	KERNREAKTIO	43062		7- 929	STARKE WW.	41735		1-1339	ATOME	52010			
1- 745	KERN-MESSG.	40570	RJ	10-1978	KRISTALLE	65578	RL	2-2165	MAGN.EIG.FK	69070			
8-2632	DUENNE SCHI	74000		10-2621	FK-SPEKTREN	73355		5-2294	MAGN.EIG.FK	69070			
11- 460	MASER,LASER	28055	WETSEL JR. GC	5-2062	GITTERDYN.	67010		6-2354	LEITFHGK.FK	70076			
9-2510	FK-SPEKTREN	73370	WETTE DE FW	12-2382	GITTERDYN.	67010		11-2006	KRISTALLE	65545			
10- 18	BIOGRAPHIEN	10215	W	2-2338	HALBLEITER	71530		11-2517	MAGN.EIG.FK	69070			
2-2130	MAGN.EIG.FK	69050		3-1928	GITTERDYN.	67020	RM	1-2028	DIELEKTRIKA	68030			
11-2194	MECH.EIG.FK	66553		12-2933	FK-SPEKTREN	73340		1-2119	MAGN.EIG.FK	69030			
11-2309	MAGN.EIG.FK	69010	KJ	11-1213	KERNREAKTIO	43034		6-2354	LEITFHGK.FK	70076			
5- 674	PHYS.OPTIK	29035	W	9- 262	MECHANIK	22036		6-2477	HALBLEITER	71580			
6-2420	HALBLEITER	71520	H	5-1937	KRIST.FEHL.	66010		9-2412	FK-SPEKTREN	73325			
10-2051	KRIST.FEHL.	66062		9-2250	METAL.LEITG.	71010		10-2244	MAGN.EIG.FK	69020			
1-1826	FK-SPEKTREN	73310		10-2006	KRIST.FEHL.	66010	RW	4-2293	SUPRALEITG.	70530			
1-2625	MECH.EIG.FK	66553		11-2078	KRIST.FEHL.	66020		6-2381	SUPRALEITG.	70550			
3-2158	MAGN.EIG.FK	69065	JJ	12-2970	FK-SPEKTREN	73355		8-2688	GRENZFL.FK	74535			
5-1891	FK-SPEKTREN	73310	A	1-2857	BIOPHYSIK	96000	W	3-1819	KRIST.FEHL.	66062			
7-1092	KERNSEKTR.	42550	R	5- 514	HF-TECHNIK	27530		5-1986	KRIST.FEHL.	66060			
10-2625	FK-SPEKTREN	73355	G	2-1112	K-REAKTOREN	43515		10- 343	MECHANIK	22038			
10-2626	FK-SPEKTREN	73355		7- 127	MATH.PHYSIK	16040	WB	1-2436	FK-SPEKTREN	73325			
11-2198	MECH.EIG.FK	66553		10- 275	STATISTIK	17540		7-2103	THERMEIG.FK	67553			
11-2504	MAGN.EIG.FK	69065		1-1246	KERNREAKTIO	43066		11-1976	KRISTALLE	65518			
11-2811	FK-SPEKTREN	73310	W	7-1829	KRISTALLE	65572		12-2909	FK-SPEKTREN	73330			
11-2927	FK-SPEKTREN	73360	H	8-2329	SUPRALEITG.	70530	WHITEFIELD RJ	5- 274	MECHANIK	22038			
11-2944	FK-SPEKTREN	73370	R	7- 805	KERN-MESSG.	40580	WHITEHEAD C	1-1242	KERNREAKTIO	43062			
12-2196	KRISTALLE	65584	FW	4- 90	UNTERRICHT	12030		9- 807	STARKE WW.	41710			
12-3034	FK-SPEKTREN	73370	HD	8-3003	KOSM.PHYSIK	94580	JA	8- 377	HYDRODYNAM.	23020			
3-2861	Sonnenphys.	93340	R	11-2020	KRISTALLE	65572	JD	4-2766	IONOSPHERE	91050			
5- 899	STARKE WW.	41735						7-2780	IONOSPHERE	91045			
7-1162	KERNREAKTIO	43020	W					5-1381	MOLEKULE	52516			
7-2563	OPT.EIG.FK	73645						11-1205	KERNREAKTIO	43026			
1-2275	SUPRALEITG.	70530						3-2360	HALBLEITER	71510			
5-2062	GITTERDYN.	67010						10- 175	QUANTENTHEO	16526			
7-2254	SUPRALEITG.	70520						4-1110	KERNSEKTR.	42559			
9-1965	GITTERDYN.	67040						8-2926	STERNE	94020			
12-2373	GITTERDYN.	67000						8-2956	KOSM.PHYSIK	94510			
1-1831	FK-SPEKTREN	73310						9-2994	KOSM.PHYSIK	94560			
1-2141	MAGN.EIG.FK	69050						11- 898	STARKE WW.	41773			
3-1635	FK-SPEKTREN	73310						8-2277	LEITFHGK.FK	70053			
3-2141	MAGN.EIG.FK	69050						8- 398	HYDRODYNAM.	23060			
3-2158	MAGN.EIG.FK	69065						12- 396	ELASTIZIT.	22520			
1													

WHITING	G	7-2454	FK-SPEKTREN	73340	WIEGEL	D	1- 45	BUECHER	11010	WILKENS	M	9-1873	KRIST.FEHL.	6601
WHITLOCK	LC	7-1117	KERNSPEKTR.	42565								11- 618	KERN-MESSG.	4051
WHITLOW	SH	5-1433	MOLEKUELE	52524	WIEGMANN	FW	5- 235	STATISTIK	17535	WILKERSON	TD	11- 620	KERN-MESSG.	4051
WHITMAN	LC	6-1570	GASENTLADG.	57815	WIELEBINSKI	R	8-2836	ASTROPHYSIK	93030	WILKES	P	11-2654	METAL.LEITG	7101
WHITMARSH	RB	10-2838	ERDKOERPER	90240	WIELINGA	RF	6-2109	THERMEIG.FK	67510		WR	8-2311	SUPRALEITG.	7051
WHITMORE	JK	11-3491	HOEREN	96310	WIEMAN	H	6-1000	KERNSPEKTR.	42570	WILKINS	CA	6-1124	K-REAKTOREN	4351
WHITNEY	CG	1- 569	MASER,LASER	28050			11-1146	KERNSPEKTR.	42570		DR	12- 136	LABORTECHN.	1251
	HE	10-2939	IONOSPHAERE	91078	WIEN	K	4-1119	KERNSPEKTR.	42560		EM	11-3294	LUFTHUELLE	9081
WHITROW	GJ	1-2846	KOSM.PHYSIK	94570	WIENCKE	R	10-1756	GASENTLADG.	57815		JW	3-1933	GITTERDYN.	6701
WHITTAKER	AG	8- 619	OPT.INSTRUM	28513	WIENER	E	7-2100	THERMEIG.FK	67550			11-2323	MAGN.EIG.FK	6901
WHITTEKER	JH	10- 901	STARKE WW.	41725			1-2101	MAGN.EIG.FK	69010	MA	4-1878	KRISTALLE	6551	
WHITTEN	GZ	9-1233	ATOME	52070	WIENHOLD	P	6-2321	LEITFHGK.FK	70056			11-2132	KRIST.FEHL.	6601
	RC	6-2842	IONOSPHAERE	91095	WIERINGEN	YAN J.S.				RL	8-1490	MOLEKUELE	5251	
	WB	2-1824	MECH.EIG.FK	66514			1-2471	FK-SPEKTREN	73325	C	9-2082	MAGN.EIG.FK	6901	
WHITTEN JR. CA		4-1240	KERNREAKTIO	43054	WIERUM	FA	1-1663	PLASMA	57206		12-2152	KRISTALLE	6551	
		9- 989	KERNSPEKTR.	42570	WIESE	WL	2-1161	ATOME	52040	DH	4- 951	STARKE WW.	4171	
WHITTINGTON SG		8-1518	POLYMERE	53535	WIESEMANN	K	4- 507	ELEKTRIZIT.	26010		4-1044	KERNSTRUKT.	4201	
		9-2077	MAGN.EIG.FK	69010			5-1616	PLASMA	57203		4-1045	KERNSTRUKT.	4201	
WHITTLE	LS	4- 441	AKUSTIK	23520	WIESER	E	11-2420	MAGN.EIG.FK	69045		6- 867	KERNSTRUKT.	4201	
WHITTLESTONE S		9- 697	BESCHLEUNIG	41020	WIESNER	K	3- 695	KERN-MESSG.	40542		6- 880	KERNSTRUKT.	4201	
WHITTON	JL	2-1799	KRIST.FEHL.	66065	WIFF	DR	8-2266	LEITFHGK.FK	70028		7-1055	KERNSPEKTR.	4251	
		4-1327	KERNSTRHLG.	44030	WIFFEN	FW	8-1989	KRIST.FEHL.	66065		7-1135	KERNSTRUKT.	4201	
		4-1329	KERNSTRHLG.	44030	WIGAN	MR	7-1001	KERNSTRUKT.	42010		9- 906	KERNSTRUKT.	4201	
		7-1939	KRIST.FEHL.	66060			8-2007	KRIST.FEHL.	66073		11-1038	KERNSPEKTR.	4251	
		8-1976	KRIST.FEHL.	66060	WIGGINS	JW	12-1146	KERNSTRUKT.	42010	DT	1-2849	KOSM.PHYSIK	9451	
		10-2749	DUEENNE SCHI	74010		TA	3- 993	KERNSPEKTR.	42575		5-2953	KOSM.PHYSIK	9451	
		11-1382	KERNSTRHLG.	44030			5-1824	FLUESSIGK.	58573		5-2961	KOSM.PHYSIK	9451	
		11-1383	KERNSTRHLG.	44030			8-1811	FLUESSIGK.	58573		6-2960	KOSM.PHYSIK	9451	
WHYTE JR. TE		12-2908	FK-SPEKTREN	73330			11-1866	GASE	58060		6-2961	KOSM.PHYSIK	9451	
WIBBERENZ	G	4-1021	STAR.E WW.	41783	WIGHTMAN	AS	8- 282	QU.FELDTHEO	17060	EL	6-2202	FK-SPEKTREN	7331	
WIBULSWAS	P	6- 307	WAERME	24060			11- 144	QU.FELDTHEO	17000	J	2-2657	GRENZFL.FK	7451	
WICHTERLE	K	4-1576	POLYMERE	53542	WIGLEY	DA	2-1815	KRIST.FEHL.	66065	MK	1-2143	MAGN.EIG.FK	6901	
WICK	GC	1- 145	QUANTENTHEO	16523			8-2025	MECH.EIG.FK	66500		8-2071	GITTERDYN.	6701	
		4-1003	STARKE WW.	41764	WIGHORE	JK	6-2093	GITTERDYN.	67060		10-1975	KRISTALLE	6551	
	GL	6- 933	KERNSPEKTR.	42540			6-2197	FK-SPEKTREN	73355		12-2389	GITTERDYN.	6701	
	RV	7- 541	MASER,LASER	28045			11-2913	FK-SPEKTREN	73355	PG	5-1265	ATOME	5201	
		8-1813	FLUESSIGK.	58573	WIGNALL	GD	8- 113	LABORTECHN.	12525		5-1431	MOLEKUELE	5251	
WICKE	E	5-1954	KRIST.FEHL.	66025	WIGNER	EP	3- 118	QUANTENTHEO	16516	WILKNISS	PE	5-1159	KERNREAKTIO	4301
WICKENS	JH	10-1011	STARKE WW.	41790	WIK	BH	6- 641	BESCHLEUNIG	41040	WILKS	EM	6-2026	MECH.EIG.FK	6651
		11- 929	STARKE WW.	41790			10-1201	KERNREAKTIO	43022		J	3-1558	FLUESSIGK.	5851
WICKERSHAM JR. A.F.		9-2803	IONOSPHAERE	91050	WIITEBORN	FC	5-2772	GRENZFL.FK	74550	WILL	G	6-1661	FLUESSIGK.	5851
		2-1641	KRISTALLE	65545	WIITKOWER	AB	10-1442	ATOME	52065		9-2073	MAGN.EIG.FK	6901	
WICKERSHEIM KA		2-1642	KRISTALLE	65545	WIJAYANAYAKE R.H.						9-2074	MAGN.EIG.FK	6901	
WICKHAM	HH	5-2257	MAGN.EIG.FK	69040			5-1838	FLUESSIGK.	58576		11-2433	MAGN.EIG.FK	6901	
WICKLEDER	KH	7- 395	WAERME	24050	WIJK VAN	U	3-2798	LUFTHUELLE	90860	WILLARD	WB	11- 941	KERNSTRUKT.	4201
WICKLUND	AW	9-1991	THERMEIG.FK	67510	WIJN	HPJ	2-2121	MAGN.EIG.FK	69045		J	10- 774	BESCHLEUNIG	4101
WICKMAN	HH	8-1861	KRISTALLE	65545			10-1985	KRISTALLE	65584		JE	3-1834	KRIST.FEHL.	6601
		10-2626	FK-SPEKTREN	73355	WIJN DE	HW	3-2034	FK-SPEKTREN	73370			4-1774	FLUESSIGK.	5851
WICKRAMASINGHE N.C.		11-2820	FK-SPEKTREN	73310			3-2043	FK-SPEKTREN	73370			10-1835	FLUESSIGK.	5851
		2-2874	KOSM.PHYSIK	94520			4-2106	FK-SPEKTREN	73375	WILLEMSE	PF	12-2751	HALBLEITER	7151
		6-2948	KOSM.PHYSIK	94520	WIJNGAARDEN VAN A.		9-2142	MAGN.EIG.FK	69060	WILLEN	EH	1- 857	STARKE WW.	4172
		6-2987	KOSM.PHYSIK	94580			10-2660	FK-SPEKTREN	73370			2- 784	STARKE WW.	4172
		8-2966	KOSM.PHYSIK	94520			5-1990	KRIST.FEHL.	66062			4-1012	STARKE WW.	4172
		8-3021	KOSM.PHYSIK	94586			5-1996	KRIST.FEHL.	66065			5- 909	STARKE WW.	4172
		10-3087	KOSM.PHYSIK	94530	WIKNER	EG	7-1946	KRIST.FEHL.	66062		RH	2-2276	SUPRALEITG.	7051
		12-3428	STERNE	94000	WIKTOR	SA	1-1906	KRIST.FEHL.	66076			6-2379	SUPRALEITG.	7051
		12-3451	KOSM.PHYSIK	94510	WILBANKS	WA	2-1080	KERNREAKTIO	43080	WILLETT	JB	9- 359	WAERME	2402
WICKS	M	9- 293	HYDRODYNAM.	23020			11-3491	HOEREN	96310			1-1071	KERNSPEKTR.	42540
WIDDER	F	1-1192	KERNREAKTIO	43030	WILCOX	JM	5-2804	GEOMAGNET.	90440			2- 630	KERN-MESSG.	4050
		1-1318	KERNSTRHLG.	44030			10-3030	PLANETEN	93650		JE	2- 961	KERNSPEKTR.	42540
		12-1057	STARKE WW.	41745			12-3420	PLANETEN	93650			2-1354	PLASMA	5703
WIDEMANN	F	1-1138	KERNSPEKTR.	42565			11-1859	GASE	58040	WILLEY	R	7-1574	PLASMA	5708
		2- 988	KERNSPEKTR.	42565			RM	2- 64	MATH.PHYSIK	16020		6- 163	QU.FELDTHEO	1702
WIDENLOCHER O		10-1151	KERNSPEKTR.	42565	WILD	JF	4-1123	KERNSPEKTR.	42560		RS	8- 260	QU.FELDTHEO	1702
WIDEROEE	R	5-1794	FLUESSIGK.	58557		JP	12-3394	SUNNENPHYS.	93324	WILLHOFF	EMA	2-2666	GRENZFL.FK	7453
		5-2998	STRAHL.BIOL	97000		P	7-1789	KRISTALLE	65510	WILLIAMS	A	12-1192	KERNSPEKTR.	4252
WIDING	KG	10-3139	STRAHL.BIOL	97000		RL	1-2479	FK-SPEKTREN	73325		AR	3-2191	LEITFHGK.FK	7002
WIDMAN	JC	8-2843	SUNNENPHYS.	93314	WILDENTHAL BH		8- 91	UNTERRICHT	12055		BG	11- 551	PHYS.OPTIK	2904
WIDNER	MM	8-1097	KERNSPEKTR.	42515			3- 897	KERNSTRUKT.	42070		C	3-2716	GEOMAGNET.	9043
WIDOM	A	11-1754	PLASMA	57085			5-1097	KERNSPEKTR.	42570		CK	3- 484	MASER,LASER	2803
		10-1821	FLUESSIGK.	58525			7-1211	KERNREAKTIO	43064	CS	3- 691	PHYS.OPTIK	2907	
		1-1730	FLUESSIGK.	58520			10-1282	KERNREAKTIO	43064		CW	2-2502	FK-SPEKTREN	7331
		3-1935	FLUESSIGK.	58520			11-1030	KERNSPEKTR.	42540	DN	2-1243	MOLEKUELE	5252	
WIEDICKE	J	2- 947	KERNSPEKTR.	42540			11-1060	KERNSPEKTR.	42545			3- 789	STARKE WW.	4172
WIECH	H	4-2232	LEITFHGK.FK	70026	WILDER	DR	7- 604	OPT.INSTRUM	28520			7-1070	KERNSPEKTR.	42540
		12-2858	FK-SPEKTREN	73315		RE	11- 482	MASER,LASER	28060			10-1892	FLUESSIGK.	5857
WIECHEN	W	5- 93	LABORTECHN.	12580	WILDERMUTH K		7-1149	KERNREAKTIO	43008		12- 385	MECHANIK	2203	
WIECHERS	O	6-1092	KERNREAKTIO	43075			11-1321	KERNREAKTIO	43075	DA	4-2873	KOSM.PHYSIK	9452	
		12-1383	KERNREAKTIO	43075	WILDEY	RL	2-2841	PLANETEN	93614			11-1529	MOLEKUELE	5252
WIECHULA	J	12-3003	FK-SPEKTREN	73355			2-2849	PLANETEN	93640	DC	7-1150	KERNREAKTIO	4300	
WIECLAWIK DE W		10-1167	KERNSPEKTR.	42575	WILDOT	R	9- 16	BIOGRAPHIEM	10230	DE	9-1755	KRISTALLE	6553	
		10-1169	KERNSPEKTR.	42575	WILDS	RE	7-2230	LEITFHGK.FK	70056	DF	4-2240	LEITFHGK.FK	7005	
WIECZOREK	LW	2-1352	PLASMA	57030	WILEMS	R	1-1302	KERNSTRHLG.	44010			5-2415	FK-SPEKTREN	7332
		6-1412	PLASMA	57030	WILENSKY	S	5-1843	DISP.SYST.	59510			4-2649	OPT.EIG.FK	7364
WIEDEMANN HG		5- 432	THERMODYN.	24530	WILENZICK	RM	1-1266	KERNREAKTIO	43090			12-3075	FK-SPEKTREN	7337
		10-2537	FK-SPEKTREN	73310	WILETS	L	12-1545	ATOME	52065	DJ	12- 803	KERN-MESSG.	4052	
WIEDENBECK ML		1-1150	KERNSPEKTR.	42570			12-1546	ATOME	52065	DL	5-2169	FK-SPEKTREN	7337	
		9- 664	KERN-MESSG.	40540	WILF	HS	6- 35	BUECHER	11010		7-2505	FK-SPEKTREN	7337	
		10-1111	KERNSPEKTR.	42550	WILHELM	H	1-1394	ATOME	52030			9-2168	LEITFHGK.FK	7002
		10-1148	KERNSPEKTR.	42565		HE	9-1425	PLASMA	57010			11-2991	FK-SPEKTREN	7337
		11-1110	KERNSPEKTR.	42560			12-1736	PLASMA	57017			12-3059	FK-SPEKTREN	7337
		12-1260	KERNSPEKTR.	42560		I	3-1063	KERNREAKTIO	43056			12-3060	FK-SPEKTREN	7337
		12-1270	KERNSPEKTR.	42565		J	3-1474	GASENTLADG.	57850	DN	8- 197	QUANTENTHEO	1652	
WIEDER	B	4-2783	IONOSPHAERE	91072			3-1475	GASENTLADG.	57840	DT	11-1527	MOLEKUELE	5251	
	H	5- 578	MASER,LASER	28055			6-1419	PLASMA	57070			11-1520	MOLEKUELE	5252
		7- 672	PHYS.OPTIK	29010			6-1484	PLASMA	57070	EGH	6- 694	ELEMENTART.	4154	
		11- 532	PHYS.OPTIK	29010			6-1485	PLASMA	57070	EL	11-1900	FLUESSIGK		

WILLIAMS - WINTER VAN

LIAM	GM	10-2325	MAGN.EIG.FK	69070	WILLMAN	JF	7-2734	LUFTHUELLE	90815	WILSON	WH	3-1571	FLUESSIGK.	58540
	HD	8-2050	MECH.EIG.FK	66545	WILLMANN	K	2-1307	MOLEKUELE	52580		WJ	6-2884	PLANETEN	93610
	HJ	1-2131	MAGN.EIG.FK	69040		RB	9- 870	STARKE WW.	41764			9-2993	KOSM.PHYSIK	94560
		1-2141	MAGN.EIG.FK	69050	WILLMES	H	6- 929	KERN-SPEKTR.	42545	WILSON JR.	EB	2- 95	QUANTENTHEO	16526
		5-2257	MAGN.EIG.FK	69040	WILLMORE	AP	3- 682	KERN-MESSG.	40530			2-1290	MOLEKUELE	52575
		7-2167	MAGN.EIG.FK	69050			4- 562	TEILCH.OPT.	27068			3-1202	MOLEKUELE	52512
		10-2285	MAGN.EIG.FK	69040	WILLMORTH	JH	12-3065	FK-SPEKTREN	73370			6-1156	MOLEKUELE	52510
IP	5-2969	KOSM.PHYSIK	94570	WILLOTT	WB	8-2354	METAL.LEITG	71000				8- 203	QUANTENTHEO	16533
	11-3411	STERNE	94060	WILLOUGHBY	RA	3-2110	MAGN.EIG.FK	69035				11-1399	ATOME	52010
IR	3-1638	KRISTALLE	65545	WILLS	D	8-2987	KOSM.PHYSIK	94550				12-1626	MOLEKUELE	52536
	5-1184	KERNREAKTIO	43092		JAB	11- 246	MECHANIK	22036		WILTS	WE	11-1584	MOLEKUELE	52575
	6-1066	KERNREAKTIO	43054		JG	4-1420	ATOME	52070			CH	4-2131	FK-SPEKTREN	73360
	6-2274	MAGN.EIG.FK	69060		MS	1- 582	MASER.LASER	28055				11-3116	DUENNE SCHI	74050
	7-1141	KERN-SPEKTR.	42575	WILLSON	AJ	9- 282	HYDRODYNAM.	23020				11-3121	DUENNE SCHI	74050
	7-1245	KERNREAKTIO	43092	WILLSTROP	RV	11-3452	KOSM.PHYSIK	94550				12-3205	DUENNE SCHI	74050
	9- 685	BESCHLEUNIG	41000	WILMAN	H	4-2564	DUENNE SCHI	74020		WINANS	JG	1-1468	MOLEKUELE	52524
	11- 571	KERN-MESSG.	40503			7-2592	DUENNE SCHI	74020				7-1303	PLASMA	57093
	11-1334	KERNREAKTIO	43085	WILMERSDORF	G	7-1276	KERNSTRHLG.	44033		WINBOW	GA	4- 237	QUANTENTHEO	16582
	11-2373	MAGN.EIG.FK	69030	WILMORE	D	8-1227	KERNREAKTIO	43064		WINCH	DM	5-2567	FK-SPEKTREN	73325
JA	3-1872	MECH.EIG.FK	66516	WILMSHURST	TH	2- 457	MASER.LASER	28020		WINCHELL	HS	11-3500	STRAHL.BIOL	97000
JC	10-2098	MECH.EIG.FK	66540			4- 598	HF-TECHNIK	27560		WINCKLER	JR	6-2867	SonnenPHYS.	93316
JE	4-1945	KRIST.FEHL.	66076			4-2083	FK-SPEKTREN	73345				12-3395	SonnenPHYS.	93326
JEC	3-2299	SUPRALEITG.	70520			7-1479	MOLEKUELE	52585		WIND	G	2-1519	GASE	58050
JF	9-1220	ATOME	52065			8- 559	HF-TECHNIK	27560		WINDISCH	E	7- 301	ELASTIZIT.	22520
JG	4- 925	ELEMENTART.	41586	WILQUET	G	8-1051	STARKE WW.	41790		WINDLEY	WC	5- 726	KERN-MESSG.	40525
JL	7-2029	MECH.EIG.FK	66556			10-1011	STARKE WW.	41790		WINDMILLER	LR	7-2208	LEITFHGK.FK	70024
JM	7-1838	KRISTALLE	65576			11- 929	STARKE WW.	41790				8-2257	LEITFHGK.FK	70024
	8-1862	KRISTALLE	65545	WILSCH	H	4-1263	KERNREAKTIO	43064				8-2271	LEITFHGK.FK	70035
	11-2814	FK-SPEKTREN	73310			6-1325	ATOME	52065		WINDMOLDERS	R	3- 861	STARKE WW.	41767
JR	5-2908	PLANETEN	93614	WILSDON	CE	7-1036	KERNSTRUKT.	42075				5- 894	STARKE WW.	41730
KL	9- 151	QUANTENTHEO	16563	WILSDORF	HGF	6-2695	GRENZFL.FK	74520				5- 896	STARKE WW.	41730
KR	12-2356	MECH.EIG.FK	66545	WILSHIRE	B	12-2356	MECH.EIG.FK	66545				6- 835	STARKE WW.	41770
LR	1-2194	LEITFHGK.FK	70028	WILSKA	AP	2- 415	TEILCH.OPT.	27016				6- 836	STARKE WW.	41770
MD	5-1202	K-REAKTOREN	43515			6- 355	TEILCH.OPT.	27016				11- 793	STARKE WW.	41725
ML	8-2037	MECH.EIG.FK	66516	WILSKY	K	1-1131	KERN-SPEKTR.	42565		WINDOW	B	3-1638	KRISTALLE	65545
	8-2457	FK-SPEKTREN	73315	WILSON	A	8- 126	LABORTECHN.	12560				11-2373	MAGN.EIG.FK	69030
	12-2860	FK-SPEKTREN	73315		AD	10- 428	WAERME	24026		WINDSOR	AA	1- 67	LABORTECHN.	12510
MMR	1-1287	K-REAKTOREN	43515		AJC	9-1790	KRISTALLE	65572			CG	1-2154	MAGN.EIG.FK	69040
	2-1130	KERNSTRHLG.	44010		BG	2-2832	SonnenPHYS.	93326				2-2084	MAGN.EIG.FK	69025
	6-1117	K-REAKTOREN	43510			3-2749	KOSM.STRLG.	90633				5-2290	MAGN.EIG.FK	69065
	6-1138	KERNSTRHLG.	44010		CG	9-1841	KRIST.FEHL.	60420				9-2076	MAGN.EIG.FK	69010
	7- 228	STATISTIK	17523		CR	9-2732	GEOMAGNET.	90450				11-2355	MAGN.EIG.FK	69025
	10-1349	K-REAKTOREN	43515			9-2780	LUFTHUELLE	90870				11-2455	MAGN.EIG.FK	69060
MW	5-2734	DUENNE SCHI	74060		DA	2-2481	FK-SPEKTREN	73330				11-2501	MAGN.EIG.FK	69065
	8-2463	FK-SPEKTREN	73320			9-2428	FK-SPEKTREN	73330			HH	6-1132	K-REAKTOREN	43520
N	4-1120	KERN-SPEKTR.	42560		DC	9- 523	MASER.LASER	28055				9-1140	KERNSTRHLG.	44010
	8-1116	KERN-SPEKTR.	42545		EJN	11- 916	STARKE WW.	41783			ML	9-1599	GASE	58010
	12-1281	KERN-SPEKTR.	42570			12-1005	STARKE WW.	41725		WINDWER	S	5-1510	POLYMERE	53535
PG	5- 142	QUANTENTHEO	16516		FL	12-2458	MECH.EIG.FK	66516		WINEFORDNER	JD	3-1438	PLASMA	57017
	6- 650	ELEMENTART.	41510		GL	4-1673	PLASMA	57080				8- 538	TEILCH.OPT.	27068
PJ	8-1518	POLYMERE	53535		GVH	2-1647	KRISTALLE	65545				10- 623	OPT.INSTRUM	28513
Q	11-1544	MOLEKUELE	52536			2-1648	KRISTALLE	65545		WING	J	10-1424	ATOME	52045
R	1-2668	GRENZFL.FK	74570			2-1649	KRISTALLE	65545			WH	4-1283	KERNREAKTIO	43090
	3-2396	HALBLEITER	71540			3-1638	KRISTALLE	65545				4- 525	ELEKTRIZIT.	26060
	8-2649	DUENNE SCHI	74040			6-2274	MAGN.EIG.FK	69060		WINGE JR.	CR	7-2805	MAGNETOSPH.	91226
RA	6-1219	ATOME	52075			9-2379	FK-SPEKTREN	73315		WINICOUR	J	10- 317	FELDTHEORIE	18042
	9-1385	ATOME	52075		JE	8-1837	KRISTALLE	65510				12- 357	FELDTHEORIE	18045
RC	4- 605	MASER.LASER	28000		JG	1-2712	KOSM.STRLG.	90600		WINICUR	DH	4-1426	ATOME	52085
	6- 388	MASER.LASER	28035			12-1109	STARKE WW.	41764		WINIECKI	T	3-2819	IONOSPHERE	91020
RH	1-2673	GRENZFL.FK	74570		JH	8-2374	HALBLEITER	71520		WINKEL	RG	7- 595	OPT.INSTRUM	28510
	5-1696	GASE	58010		JR	3-2684	GRENZFL.FK	74563		WINKLER	CA	4-1532	MOLEKUELE	52575
RJP	8-2449	FK-SPEKTREN	73310			4-1815	FLUESSIGK.	58565			G	2-2086	MAGN.EIG.FK	69030
	10-2490	HALBLEITER	71500			6-1720	FLUESSIGK.	58560			H	4-1270	KERNREAKTIO	43075
RK	11-2689	HALBLEITER	71530			12-1769	PLASMA	57053				6- 921	KERN-SPEKTR.	42540
RL	1-2428	PHOTOLEITG.	72510		JWG	11-3337	IONOSPHERE	91095				7-1085	KERN-SPEKTR.	42545
	7-2388	PHOTOLEITG.	72510		KH	3- 645	PHYS.OPTIK	29066				8-1108	KERN-SPEKTR.	42540
RM	3- 720	ELEMENTART.	41510			5-1333	ATOME	52075			J	12-3246	GRENZFL.FK	74535
	5- 200	QU.FELDTHEO	17010		KR	5-1489	MOLEKUELE	52575				9- 631	PHYS.OPTIK	29086
	8- 888	ELEMENTART.	41570		L	6-2910	PLANETEN	93655			K	11-1643	POLYMERE	53546
RO	4-1877	KRISTALLE	65570			7-2877	PLANETEN	93640				3- 662	KERN-MESSG.	40510
RW	12-2611	LEITFHGK.FK	70024		M	4-1356	ATOME	52010			L	10- 121	VAKUUM	13022
SA	6- 939	KERN-SPEKTR.	42545			12-1508	ATOME	52027				5-2922	STERNE	94000
SH	5- 900	STARKE WW.	41735		MF	7- 113	VAKUUM	13030			R	10-1806	FLUESSIGK.	58520
T	4-2546	DUENNE SCHI	74010			7-1693	FLUESSIGK.	58525				3-1474	GASENTLADG.	57850
VA	10-2746	DUENNE SCHI	74010		MN	3- 359	WAERME	24060				3-1475	GASENTLADG.	57840
W	5-1320	ATOME	52065			3-2342	SUPRALEITG.	70560				6-1419	PLASMA	57030
WE	8-1597	PLASMA	57045			10- 476	ELEKTRIZIT.	26030		WINNEWISER	BP	12-1749	PLASMA	57030
	9- 107	MATH.PHYSIK	16020		PB	6- 641	BESCHLEUNIG	41040			M	12-1618	MOLEKUELE	52536
	9-1493	PLASMA	57075			10- 803	BESCHLEUNIG	41030				3-1222	MOLEKUELE	52530
WJ	9-2757	LUFTHUELLE	90820			10- 804	BESCHLEUNIG	41030				6-1744	FLUESSIGK.	58570
WL	11-1027	KERN-SPEKTR.	42535		PG	6-2203	FK-SPEKTREN	73355				7-1388	MOLEKUELE	52514
	12-1518	ATOME	52040		PR	7-2341	HALBLEITER	71540				7-1389	MOLEKUELE	52514
WO	4- 484	THERMODYN.	24510		R	1- 818	ELEMENTART.	41560				12-1618	MOLEKUELE	52536
WS	3-1691	KRISTALLE	65578			1-2791	SonnenPHYS.	93316		WINNEY	PE	12-1939	FLUESSIGK.	58510
WSC	6- 688	ELEMENTART.	41546			2- 749	ELEMENTART.	41576		WINNINK	M	11- 197	STATISTIK	17530
WT	7- 107	VAKUUM	13022			2- 808	STARKE WW.	41740		WINOGRAD	YY	3- 418	TEILCH.OPT.	27054
	10- 89	LABORTECHN.	12510			10-1026	KERNREAKTIO	43042				3-1445	PLASMA	57235
LIAM III A.J.						4- 269	QU.FELDTHEO	17020		WINOGRADOFF	NN	4-2363	HALBLEITER	71566
	9-1382	MOLEKUELE	52580			4- 927	STARKE WW.	41700		WINGVICH	W	11-3391	PLANETEN	93655
JC	3- 325	HYDRODYNAM.	23060			5- 965	STARKE WW.	41764		WINSER	A	6- 39	BUECHER	11020
LIAM JR. J.K.						5-1127	KERNREAKTIO	43032		WINSLOW	WL	12- 161	VAKUUM	13040
	8-1386	MOLEKUELE	52512			6- 723	ELEMENTART.	41574		WINSOR	PA	4-1824	FLUESSIGK.	58570
LIAMSON	CF	12-1305	KERNREAKTIO	43008		6- 726	ELEMENTART.	41576				9-1644	FLUESSIGK.	58520
FS	12- 876	KERN-MESSG.	40584			6- 743	STARKE WW.	41700		WINSTEL	G	10-2473	HALBLEITER	71540
JBP	1-2654	GRENZFL.FK	74555			6- 828	STARKE WW.	41767				12-2785	HALBLEITER	71540
JH	12- 96	MESSEN	12230			8- 622	OPT.INSTRUM	28520		WINSTON	R	10- 678	OPT.INSTRUM	28595
RB	6-1377	POLYMERE	53535			9- 829	STARKE WW.	41740		WINTER	DF	7- 717	PHYS.OPTIK	29066
RM	2- 246	GASE												

WINTERBERG F	4-2829 SONNENPHYS.	93328	WOERNER H	2- 38 BUECHER	11040	WOLFMEYER MW	7-2082 THERMEIG.FK	675
	7- 415 THERMODYN.	24510	WOERNLE R	5- 375 WAERME	24000	WOLFRAM G	4-1921 KRIST.FEHL.	660
	8-1621 PLASMA	57055	WOERZ O	11-1643 POLYMERE	53546		4-2281 SUPRALEITG.	705
	9-1573 PLASMA	57279	WOESSNER DE	5-2171 FK-SPEKTREN	73370	WOLFRUM J	4- 502 THERMODYN.	245
WINTERBORN A	5-2260 MAGN.EIG.FK	69040		6-2128 THERMEIG.FK	67550	WOLFSONH Y	3-2927 HOEREN	963
WINTERBOTTOM W.L.				11-2957 FK-SPEKTREN	73370	WOLFSON CJ	1- 720 KERN-MESSG.	405
	8-2675 GRENZFL.FK	74530	WOGMAN NA	7-2763 LUFTHUELLE	90890	JL	10-1112 KERNSPEKTR.	425
WINTERHOFF H	7-1438 MOLEKUELE	52547	WOHL CG	9- 865 STARKE WW.	41762	S	7-1668 GASE	580
WINTERLING G	5-2605 FK-SPEKTREN	73340		12-1027 STARKE WW.	41730	Y	1-1137 KERNSPEKTR.	425
	10-1832 FLUESSIGK.	58527	WOHLERS MR	3-2241 LEITFHGK.FK	70056	WOLFSTIRN KB	1-2312 HALBLEITER	715
WINTERNIETZ P	5-1146 KERNREAKTIO	43050	WOHLFAHRT H	6-2036 MECH.EIG.FK	66540		3-1766 KRIST.FEHL.	660
	6- 106 QUANTENTHEO	16526	WOHLFARTH EP	9-2092 MAGN.EIG.FK	69020		6-1896 KRIST.FEHL.	660
	7- 160 QUANTENTHEO	16553		9-2102 MAGN.EIG.FK	69030	WOLGA GJ	3- 500 MASER, LASER	280
	8- 958 STARKE WW.	41725		12-2554 MAGN.EIG.FK	69040		4- 636 MASER, LASER	280
	8-1064 KERNSTRUKT.	42010	WOHLLEBEN D	2- 416 TEILCH.OPT.	27016		5-1319 ATOME	520
	9- 124 QUANTENTHEO	16516	K	7-2935 KRIST.FEHL.	66060		12- 626 MASER, LASER	280
	10-1018 KERNSTRUKT.	42010		11-1311 KERNREAKTIO	43064	WOLINSKI W	1- 595 MASER, LASER	280
WINTERS HF	4-2539 DUENNE SCHI	74010	WOHLRAB KS	12- 325 STATISTIK	17560	WOLKENBERG A	4-2578 DUENNE SCHI	740
WINTERSTEINER P.P.			WOITE G	10-1334 K-REAKTOREN	43510	WOLL JR. EJ	1-1946 GITTERDYK.	670
	11- 665 BESCHLEUNIG	41040	WOJACZEK K	2-1480 GASENTLADG.	57840		8-2254 LEITFHGK.FK	700
WINTLE HJ	1-2019 DIELEKTRIKA	68020		9-1434 PLASMA	57020		11-2210 GITTERDYK.	670
	4-2381 HALBLEITER	71585	WOJAS J	5-2445 HALBLEITER	71500	WOLLAN DS	7-1048 KERNSPEKTR.	425
WINZELER H	11-1025 KERNSPEKTR.	42535		11-3205 GRENZFL.FK	74570	EO	1-2143 MAGN.EIG.FK	690
WIPF SL	4-2276 SUPRALEITG.	70520		12-3229 GRENZFL.FK	74520		3-2145 MAGN.EIG.FK	690
WIPPERMANN HW	2- 277 HYDRODYNAM.	23030	WOJCICKI S	3- 821 STARKE WW.	41745		8-2150 MAGN.EIG.FK	690
WIRGIN A	3- 620 PHYS.OPTIK	29030		4- 969 STARKE WW.	41745		10-2254 MAGN.EIG.FK	690
WIRHED R	2-1280 MOLEKUELE	52524		8- 865 ELEMENTART.	41574	WOLLENBERGER H	3-2263 METAL.LEITG	710
WIRICK M	1- 618 OPT.INSTRUM	28526	SG	10- 870 ELEMENTART.	41574	WOLLEY ED	10-2754 DUENNE SCHI	740
WIRJOAMIDJOJO S.			WOJCIECHOWSKI D.			WOLLNIK H	2- 406 TEILCH.OPT.	270
	11-1049 KERNSPEKTR.	42545		1-1225 KERNREAKTIO	43054		3- 698 KERN-MESSG.	405
WIRTH HO	8-1751 FLUESSIGK.	58530	WOJCIK W	10- 995 STARKE WW.	41780		12- 818 KERN-MESSG.	405
WIRTZ LH	2-1556 FLUESSIGK.	58540	WOJTASZEK JH	7- 178 QUANTENTHEO	16582	WOLMARANS NS	10-1096 KERNSPEKTR.	425
WISBEY PH	1-2362 HALBLEITER	71540	WOJTCAZAK L	6-2674 DUENNE SCHI	74050	WOLNIEWICZ L	8-1385 MOLEKUELE	525
WISCHMEYER CR	5-2420 SUPRALEITG.	70550		8-2644 DUENNE SCHI	74030	WOLNIK S	5-1628 PLASMA	572
WISE K	3-1498 GASE	58025		9-2652 DUENNE SCHI	74050	WOLOSZYN Z	2-1668 KRISTALLE	655
	12-1539 ATOME	52060		10-2265 MAGN.EIG.FK	69025	WOLSCHEIDT K	10- 750 KERN-MESSG.	405
	6-2256 MAGN.EIG.FK	69040		10-2786 DUENNE SCHI	74050	WOLSKIE S	6-1500 PLASMA	570
WISEALL B	4-1774 FLUESSIGK.	58530		11-3127 DUENNE SCHI	74050	WOLSKI R	7-1231 KERNREAKTIO	430
WISER N	7-1684 FLUESSIGK.	58520	WOJTOWICZ PJ	9-1822 KRISTALLE	65588		10-1307 KERNREAKTIO	430
	7-1765 FLUESSIGK.	58565		10-2255 MAGN.EIG.FK	69025	W	9-2151 MAGN.EIG.FK	690
	11-2747 HALBLEITER	71570		10-2266 MAGN.EIG.FK	69025	WOLSTENCROFT R.D.		
WISHART LP	8- 755 KERN-MESSG.	40518	WOLBECK B	11-1011 KERNSPEKTR.	42510		3-2906 KOSM.PHYSIK	945
WISKOTT D	12- 764 KERN-MESSG.	40503	WOLBERG JR	7- 732 KERN-MESSG.	40503		8-2966 KOSM.PHYSIK	945
WISLICENY J	6-1484 PLASMA	57070	WOLD A	6-2255 MAGN.EIG.FK	69040	WOLTER H	1-1390 ATOME	520
	6-1485 PLASMA	57070		8-2545 FK-SPEKTREN	73360		2- 567 PHYS.OPTIK	290
WISMAN WH	12-1860 PLASMA	57216		11-2965 FK-SPEKTREN	73370		2-2630 DUENNE SCHI	740
WISNIEWSKI R	2- 49 LABORTECHN.	12515		6- 215 FELDTHEORIE	18030		3- 911 KERNSPEKTR.	425
WISNIVESKY D	8- 154 MATH.PHYSIK	16000	WOLF E	7-1230 KERNREAKTIO	43080		5- 545 MASER, LASER	280
WISSEMAN WR	4-2249 LEITFHGK.FK	70056	WOLF A	11-1278 KERNREAKTIO	43056	J	12- 718 PHYS.OPTIK	290
WISSNER A	1- 19 BIOGRAPHIEN	10220	AP	11-1544 MOLEKUELE	52536	W	4- 582 HF-TECHNIK	275
	3- 12 BIOGRAPHIEN	10220	AA	12-1687 MOLEKUELE	52575		3- 871 STARKE WW.	417
	5- 8 BIOGRAPHIEN	10220	BA	10-1615 POLYMERE	53535		10- 998 STARKE WW.	417
WISZ Z	1-1726 FLUESSIGK.	58510	D	7-2589 DUENNE SCHI	74020		11- 921 STARKE WW.	417
WIT DE HJ	3-2377 HALBLEITER	71520	E	1- 664 PHYS.OPTIK	29020	WOLTERS GF	11- 817 STARKE WW.	417
	6-2194 FK-SPEKTREN	73355		1- 665 PHYS.OPTIK	29020	WOLTZ RE	12- 665 OPT.INSTRUM	285
	2-1622 KRISTALLE	65530		3- 598 PHYS.OPTIK	29000	WOMACK EA	8-2980 KOSM.PHYSIK	945
	2-1623 KRISTALLE	65530		4- 717 PHYS.OPTIK	29020	WOMBWELL E	11-3237 GEOMAGNET.	904
RC	12-2817 HALBLEITER	71580		5- 665 PHYS.OPTIK	29020	WONDRATSCHEK H	2-1663 KRISTALLE	655
SA	3- 933 KERNSPEKTR.	42545		7-2305 HALBLEITER	71510	WONG AY	9-1513 PLASMA	570
	11- 888 STARKE WW.	41764		11- 92 QUANTENTHEO	16526	AYC	10-1923 KRISTALLE	655
WITALIS EA	3-1357 PLASMA	57040	EL	1-2357 HALBLEITER	71530	C	3-1043 KERNREAKTIO	430
	9-1464 PLASMA	57045		8-2417 HALBLEITER	71570		5-2020 MECH.EIG.FK	665
WITCOMB RC	11- 814 STARKE WW.	41735	G	3- 764 ELEMENTART.	41574		6-1065 KERNREAKTIO	430
WITHBROE OL	4-2814 SONNENPHYS.	93300		5- 876 STARKE WW.	41720	CW	1-1055 KERNSPEKTR.	425
WITHRINGTON RJ	9- 611 PHYS.OPTIK	29045		6- 835 STARKE WW.	41770		5-1002 KERNSTRUKT.	420
WITHSTANDLEY V	1- 640 OPT.INSTRUM	28553		6- 836 STARKE WW.	41770		7-1026 KERNSTRUKT.	420
WITKOWSKI AS	4-2247 LEITFHGK.FK	70053		11- 845 STARKE WW.	41740		11- 957 KERNSTRUKT.	420
SA	10-1756 GASENTLADG.	57815	HC	3-2038 FK-SPEKTREN	73370	CY	2-1056 KERNREAKTIO	430
	11-1798 PLASMA	57256		3-2039 FK-SPEKTREN	73370		2-1085 KERNREAKTIO	430
WITSCH VON W	1-1074 KERNSPEKTR.	42545		4-2242 LEITFHGK.FK	70053		3-1029 KERNREAKTIO	430
	4-1275 KERNREAKTIO	43080		4-2245 LEITFHGK.FK	70053		4-1281 KERNREAKTIO	430
	8-1216 KERNREAKTIO	43054		4-2434 FK-SPEKTREN	73325		7-1236 KERNREAKTIO	430
	11-1330 KERNREAKTIO	43080		7-1809 KRISTALLE	65545	DY	2- 915 KERNSTRUKT.	420
WITT AF	7-1792 KRISTALLE	65510		8-2609 OPT.EIG.FK	73640		6- 749 STARKE WW.	417
	12-2108 KRISTALLE	65518		8-2610 OPT.EIG.FK	73640		8- 925 STARKE WW.	417
	9-2913 STERNE	94000		12-2652 LEITFHGK.FK	70053		12- 265 QUANTENTHEO	1658
	3-1667 TEILCH.OPT.	27040		12-2955 FK-SPEKTREN	73355	E	9-2558 OPT.EIG.FK	736
	3- 385 THERMODYN.	24554		12-2985 FK-SPEKTREN	73355	EY	1-2485 FK-SPEKTREN	733
WITT DE JS	4-1921 KRIST.FEHL.	66030	KB	11- 82 QUANTENTHEO	16516		4-2439 FK-SPEKTREN	733
	1-2189 LEITFHGK.FK	70028	KL	5-1185 KERNREAKTIO	43092		5-2645 OPT.EIG.FK	736
SA	11-1009 KERNSPEKTR.	42500	R	9-1309 MOLEKUELE	52536		9-2573 OPT.EIG.FK	736
WITTE H	7- 8 BIOGRAPHIEN	10212	RA	8- 125 LABORTECHN.	12540	H	1-1669 PLASMA	570
	2- 578 PHYS.OPTIK	29030		9-2943 STERNE	94050	HV	1-1610 PLASMA	570
J	3- 709 BESCHLEUNIG	41020	WP	10-1932 KRISTALLE	65545		1-1629 PLASMA	570
LC	10- 434 WAERME	24060		11-2471 MAGN.EIG.FK	69060		5-1661 PLASMA	572
WITTEBORN FC	5- 247 FELDTHEORIE	18020		11-2914 FK-SPEKTREN	73355	HY	5- 116 VAKUUM	130
WITTEKOEK S	11-2972 FK-SPEKTREN	73370		12-2946 FK-SPEKTREN	73355	J	9- 113 QUANTENTHEO	165
WITTEMAN WJ	1-1662 PLASMA	57206	WOLF DE DA	4- 749 PHYS.OPTIK	29043	JY	1- 623 OPT.INSTRUM	285
	7- 563 MASER, LASER	28055	WOLFE PJ	5- 374 AKUSTIK	23595		9-2438 FK-SPEKTREN	733
	11- 460 MASER, LASER	28055		3- 970 KERNSPEKTR.	42565		9-2439 FK-SPEKTREN	733
	4- 421 HYDRODYNAM.	23050	R	1- 963 STARKE WW.	41770		10-1930 KRISTALLE	655
WITTEN L	11- 219 STATISTIK	17563		1-2226 HALBLEITER	71530		12-2899 FK-SPEKTREN	733
WITTENBERG AM	12- 756 PHYS.OPTIK	29066		3-2133 MAGN.EIG.FK	69045	KG	10-2366 LEITFHGK.FK	700
WITTHAUS JK	10- 791 BESCHLEUNIG	41020		5-2264 MAGN.EIG.FK	69045	KW	11-2600 SUPRALEITG.	705
WITTK E	2- 476 MASER, LASER	28045		12- 822 KERN-MESSG.	40530	L	6-2745 ERDKOERPER	903
WITTKOWER AB	6-1222 MOLEKUELE	52575	WOLFENDALE AW	1-2718 KOSM.STRLG.	90630	MKF	7-2269 SUPRALEITG.	705
WITTMANN F	2- 561 OPT.INSTRUM	28583		5-2950 KOSM.PHYSIK	94530		9- 118 QUANTENTHEO	165
WITTRY DB	1-2397 HALBLEITER	71566		10-2871 KOSM.STRLG.	90640	NN	12- 937 ELEMENTART.	415
	11- 393 TEILCH.OPT.	27040	WOLFENDEN A	11-3244 KOSM.STRLG.	90610	NP	1- 102 VAKUUM	130
WITZENBURG VAN W.				1- 420 WAERME	24040	PMG	7-1677 FLUESSIGK.	585
	3-1862 MECH.EIG.FK	66512		11-2191 MECH.EIG.FK	66550	SS	12-1216 KERNSPEKTR.	425
	12-1992 FLUESSIGK.	58540	WOLFENSTEIN L	6- 685 ELEMENTART.	41546	SSM	2- 948 KERNSPEKTR.	425
WITZKE H	4-1773 FLUESSIGK.	58530	WOLFF AC	6- 937 KERNSPEKTR.	42545		11- 985 KERNSTRUKT.	420
WITZMANN H	1-2583 OPT.EIG.FK	73640		6- 834 STARKE WW.	41770	VK	5-2386 SUPRALEITG.	705
	5-2682 OPT.EIG.FK	73670	B	3- 385 THERMODYN.	24554		8-2310 SUPRALEITG.	705
WIZGALL H	3-2292 SUPRALEITG.	70520		7-2884 PLANETEN	93655	WA	6-2049 MECH.EIG.FK	665
	3-2314 SUPRALEITG.	70530	H	7-2621 GRENZFL.FK	74510	J	3-1573 FLUESSIGK.	585
WNUK M	9-1925 MECH.EIG.FK	66516		10-1764 GASENTLADG.	57870	J	9-1440 PLASMA	570
WOBSCHELL D	9-1355 MOLEKUELE	52575	J	9-2678 GRENZFL.FK	74535	CH	2- 761 STARKE WW.	417
DC	3-1155 ATOME	52045	RJ	12-1520 ATOME	52040		5- 222 QU.FELDTHEO	170
	6- 42 BUECHER	11020	S	3- 764 ELEMENTART.	41574		8- 922 STARKE WW.	417
	9- 968 KERNSPEKTR.	42560		7- 792 KERN-MESSG.	40555	CW	2- 195 STATISTIK	175
WOELFLI W	7-1186 KERNREAKTIO	43052		8- 793 KERN-MESSG.	40555		2- 196 STATISTIK	175
WOELTCH WE	8- 623 OPT.INSTRUM	28520	WOLFGANG R	2- 368 THERMODYN.	24554		8-1739 FLUESSIGK.	585
WOERMANN D	5-1783 FLUESSIGK.	58546		6-1341 MOLEKUELE	52575		10-1819 FLUESSIGK.	585

WOO - YAGOVITIN

CW	12-2374	GITTERDYN.	67000	WORSHAM	RE	10- 817	BESCHLEUNIG	41040	WUNDERMAN	I	8- 536	TEILCH.OPT.	27068	
JC	1-1600	PLASMA	57055		WC	1-1488	MOLEKUELE	52575	WUNSCH	AD	5-1611	PLASMA	57093	
JWF	1-1708	GASENTLADG.	57860	WORSTER	BW	4- 785	KERN-MESSG.	40512		C	10-2855	ERDKOERPER	90235	
	3-2276	SUPRALEITG.	70510	WORTBERG	B	1-1656	PLASMA	57203	WURN	J	3-2263	METAL-LEITG	71000	
	4-1860	KRISTALLE	65545	WORTH	DC	8-1063	KERNSTRUKT.	42010		JP	4-1267	KERNREAKTIO	43066	
	12-2691	SUPRALEITG.	70520			8-1067	KERNSTRUKT.	42010			7-1105	KERNSPEKTR.	42560	
R	12-2711	SUPRALEITG.	70530	WORTIS	M	1- 230	STATISTIK	17526			11-1112	KERNSPEKTR.	42560	
	7-1623	GASENTLADG.	57815	WORTZALA	FJ	2-1800	KRIST.FEHL.	66070		K	3-2869	PLANETEN	93620	
	11-1839	GASENTLADG.	57840	WOSINSKI	JF	2-2708	ERDKOERPER	90295	WURST	JW	11-3495	HOEREN	96320	
SB	12-1721	PLASMA	57010	WOTKE	H	11-1435	ATOME	52060	WURSTER	WH	9-1297	MOLEKUELE	52524	
SH	3- 327	HYDRODYNAM.	23070	WOUDE VAN DER A.					WURZBACHER	G	4-2626	GRENZFL.FK	74535	
BE	2- 601	PHYS.OPTIK	29060			3-1056	KERNREAKTIO	43054	WUTZKE	SA	2-1488	GASENTLADG.	57860	
BJ	12-1539	ATOME	52060			6-1099	KERNREAKTIO	43085	WYANT	JC	11- 522	OPT.INSTRUM	28570	
C	11-3091	DUENNE SCHI	74040			10-1258	KERNREAKTIO	43054	WYARD	SJ	9-2489	FK-SPEKTREN	73355	
CJ	3- 315	HYDRODYNAM.	23040			11-1268	KERNREAKTIO	43054	WYATT	AFG	4-2266	LEITFHGK.FK	70074	
DE	2-1319	MOLEKUELE	52575		F	9-2372	FK-SPEKTREN	73310		PW	5-2450	HALBLEITER	71520	
DH	11-2043	KRISTALLE	65584			11-2423	MAGN.EIG.FK	69045		RE	6-1312	MOLEKUELE	52570	
DL	3-2497	FK-SPEKTREN	73325	WOYSKI	JS	12-1431	K-REAKTOREN	43520			8-1376	MOLEKUELE	52510	
	6-2530	FK-SPEKTREN	73330	WOZNIAK	MJ	9- 936	KERNSPEKTR.	42540	WYBOURNE	BG	9-2363	FK-SPEKTREN	73300	
	11-1962	KRISTALLE	65510	WRAIGHT	PC	7-2277	SUPRALEITG.	70530			11- 7	QUANTENTHEO	16516	
	12-2512	MAGN.EIG.FK	69010	WRAITH	AE	4-1983	MECH.EIG.FK	66516			12-2880	FK-SPEKTREN	73325	
	12-2905	FK-SPEKTREN	73330	WRAY	EM	4-2045	THERMEIG.FK	67510	WYCECH	S	11- 998	KERNSTRUKT.	42075	
DS	3-1795	KRIST.FEHL.	66035		JH	11-1515	MOLEKUELE	52516	WYCKOFF	JM	2-1011	KERNREAKTIO	43028	
DW	3-2088	MAGN.EIG.FK	69025	WRIGHT	AG	10-2934	IONOSPHERE	91072			10- 769	BESCHLEUNIG	41030	
E	1-1242	KERNREAKTIO	43062		AJ	10-2470	HALBLEITER	71530	WYDLER	P	7-1271	KERNSTRUKT.	44010	
ER	5- 298	ELASTIZIT.	22530		BT	3-1048	KERNREAKTIO	43054	WYGNANSKI	IJ	9- 339	HYDRODYNAM.	23070	
IF	8- 486	THERMODYN.	24556		CR	12- 143	VAKUUM	13016	WYK VAN	JA	5-2201	FK-SPEKTREN	73355	
J	1-1300	KERNSTRUKT.	44010		CV	8-1412	MOLEKUELE	52524	WYLD JR.	HW	2- 774	STARKE WW.	41720	
JDL	12- 874	KERN-MESSG.	40584		D	12-2526	MAGN.EIG.FK	69020			8-1004	STARKE WW.	41755	
JJ	1- 576	MASER,LASER	28055		J	2- 170	QU.FELDTHEO	17030	WYLLER	AA	2-2865	STARKE	94020	
LC	10-2829	GEOPHYSIK	90000			6- 146	QUANTENTHEO	16582			9-2919	STERNE	94020	
LE	12- 509	ELEKTIZIT.	26014			12- 255	QUANTENTHEO	16582	WYLLIE	PJ	5-1761	FLUESSIGK.	58530	
OR	3- 528	MASER,LASER	28055		JJ	5- 92	LABORTECHN.	12570	WYMAN	ME	1-1270	KERNREAKTIO	43092	
PJ	12-2530	MAGN.EIG.FK	69025			11- 375	ELEKTRODYN.	26510	WYN ROBERTS	D	8- 352	MECHANIK	22050	
RE	3-1037	KERNREAKTIO	43046		JW	1-2757	IONOSPHERE	91060	WYNBLATT	P	2-1722	KRIST.FEHL.	66010	
	4- 633	MASER,LASER	28055			4-2772	IONOSPHERE	91060			8-1927	KRIST.FEHL.	66015	
RF	3-1198	MOLEKUELE	52516			10-2927	IONOSPHERE	91045			11-2077	KRIST.FEHL.	66015	
	5-2300	LEITFHGK.FK	70010			12-2423	THERMEIG.FK	67510	WYNCHANK	S	9-1028	KERNREAKTIO	43046	
	5-2301	LEITFHGK.FK	70010		LE	12-1321	KERNREAKTIO	43030		SAR	1-1213	KERNREAKTIO	43048	
WW	10-1809	FLUESSIGK.	58520		RL	6-1792	KRISTALLE	65516	WYNCKE	B	5-2593	FK-SPEKTREN	73330	
JM	3-2584	OPT.EIG.FK	73645		RM	1- 907	STARKE WW.	41753	WYNDHAM	CH	5- 633	OPT.INSTRUM	28553	
	10- 588	MASER,LASER	28050			2- 804	STARKE WW.	41740	WYNGAARD	JC	9-2753	LUFTHUELLE	90810	
	12-3141	OPT.EIG.FK	73645			2- 896	KERNSTRUKT.	42010	WYNNE	CG	2- 509	OPT.INSTRUM	28520	
HH	1-1866	KRIST.FEHL.	66020			5- 994	KERNSTRUKT.	42010		R	7-2790	IONOSPHERE	91060	
ODDBURY					SC	5- 752	KERN-MESSG.	40560			8-2791	IONOSPHERE	91020	
ODDBURY JR. G.W.						6- 787	STARKE WW.	41740	WYNNE JONES L		6- 51	LABORTECHN.	12515	
ODDBURY					TW	9-1968	GITTERDYN.	67060	WYNNE JONES LORD L.		5-2199	FK-SPEKTREN	73355	
ODDBURY					WH	2-2462	OPT.EIG.FK	73605			7- 884	ELEMENTART.	41578	
ODDBURY						8- 540	TEILCH.OPT.	27068	WYNROE	AG	9- 782	ELEMENTART.	41578	
ODDBURY						12- 556	TEILCH.OPT.	27068			12-2851	FK-SPEKTREN	73310	
ODDBURY					WRIGHT JR. F	5-2161	FK-SPEKTREN	73370	WYNTER	CI	10- 422	WAERME	24026	
ODDBURY					WROBEL	JS	9-2355	PHOTOLEITO.	72510	WYOM	DP	8-2019	KRIST.FEHL.	66076
ODDBURY					WROBLEWSKI A	10- 995	STARKE WW.	41780	WYSOCKI	JJ	12-1986	FLUESSIGK.	58535	
ODDBURY					WROE	H	5- 774	BESCHLEUNIG	41010			10-1011	STARKE WW.	41790
ODDBURY						6- 334	ELEKTIZIT.	26040	WYSOTSKI	F	7-2973	SEHEN	96618	
ODDBURY						11- 641	BESCHLEUNIG	41000	WYSZECKI	G	1-1272	KERNREAKTIO	43092	
ODDBURY					WRONSKI	CR	11-3085	DUENNE SCHI	74030	WYTENBACH	A	10- 999	STARKE WW.	41783
ODDBURY					WRZAL	CRM	7-2107	THERMEIG.FK	67556					
ODDBURY						6- 948	KERNSPEKTR.	42550						
ODDBURY						6- 949	KERNSPEKTR.	42550						
ODDBURY						6- 957	KERNSPEKTR.	42555						
ODDBURY						6- 972	KERNSPEKTR.	42560						
ODDBURY						7-1104	KERNSPEKTR.	42555						
ODDBURY						7-1114	KERNSPEKTR.	42560						
ODDBURY					WRZECIONKO J	3- 872	STARKE WW.	41790	XANTHAKIS	J	5-2898	SONNENPHYS.	93324	
ODDBURY					WRZESINSKA A	12-3146	OPT.EIG.FK	73645			7- 46	TAGUNGEN	10575	
ODDBURY					WRZESINSKY R	9-1269	MOLEKUELE	52514			7-2846	SONNENPHYS.	93395	
ODDBURY						9-1270	MOLEKUELE	52514	XAVIER	RM	3-2161	MAGN.EIG.FK	69065	
ODDBURY					WU	11-1506	MOLEKUELE	52514	XINH	NX	6-2116	THERMEIG.FK	67520	
ODDBURY						10- 162	QUANTENTHEO	16530			7-2438	FK-SPEKTREN	73330	
ODDBURY					AA	10- 245	QU.FELDTHEO	17020			7-2455	FK-SPEKTREN	73340	
ODDBURY					ACT	6-1269	MOLEKUELE	52514	XUONG NGUYEN DUC		12-1780	PLASMA	57055	
ODDBURY					AJA	9-1260	MOLEKUELE	52512						
ODDBURY						11-2871	FK-SPEKTREN	73330						
ODDBURY					CK	5-1588	PLASMA	57075						
ODDBURY					CP	11- 412	HF-TECHNIK	27530						
ODDBURY						11- 413	HF-TECHNIK	27530						
ODDBURY						12-1203	KERNSPEKTR.	42540						
ODDBURY						1-1321	KERNSTRUKT.	44030	YAKKOBI	B	12-1827	PLASMA	57090	
ODDBURY						3- 988	KERNSPEKTR.	42570	YABE	E	3-1470	GASENTLADG.	57820	
ODDBURY						7-1075	KERNSPEKTR.	42545		M	7- 298	ELASTIZIT.	22510	
ODDBURY						11-1008	KERNSPEKTR.	42500	YABLOKOV	BM	4- 852	BESCHLEUNIG	41040	
ODDBURY						12-1178	KERNSTRUKT.	42075	YABLONSKII	Z	12- 837	KERN-MESSG.	40555	
ODDBURY						12-1179	KERNSTRUKT.	42075	YABUKI	H	1- 166	QUANTENTHEO	16533	
ODDBURY						12-1778	PLASMA	57055			12- 260	QUANTENTHEO	16582	
ODDBURY						12-3430	STERNE	94020			12- 911	ELEMENTART.	41520	
ODDBURY						12-3449	KOSM.PHYSIK	94510			12- 994	STARKE WW.	41710	
ODDBURY					FY	1- 160	QUANTENTHEO	16530	YABUMOTO	T	12-3151	OPT.EIG.FK	73655	
ODDBURY						12-2606	LEITFHGK.FK	70022	YABUZAKI	T	11-1468	ATOME	52075	
ODDBURY					N	1-2090	FK-SPEKTREN	73360	YACHNEV	IL	10- 579	MASER,LASER	28045	
ODDBURY					ST	10- 391	HYDRODYNAM.	23060	YADA	K	8-1894	KRISTALLE	65578	
ODDBURY					TM	4-2292	SUPRALEITG.	70530	YADAV	RA	8-1432	MOLEKUELE	52536	
ODDBURY						7-2143	MAGN.EIG.FK	69020	YADAVSKY	EL	1-1100	KERNSPEKTR.	42595	
ODDBURY					TT	5-2234	MAGN.EIG.FK	69025	YAFET	Y	11-1998	KRISTALLE	65545	
ODDBURY						8-2174	MAGN.EIG.FK	69025			12-3025	FK-SPEKTREN	73365	
ODDBURY						12- 915	ELEMENTART.	41540	YAFFE	L	10-2194	THERMEIG.FK	67550	
ODDBURY					TYT	1- 366	HYDRODYNAM.	23050	YAGI	J	10-2586	FK-SPEKTREN	73315	
ODDBURY						8- 24	TAGUNGEN	10530			10-2588	FK-SPEKTREN	73315	
ODDBURY					Y	2-1498	GAZE	58025		K	3- 687	KERN-MESSG.	40532	
ODDBURY						7-1786	DISP SYST.	59530			4-2566	DUENNE SCHI	74020	
ODDBURY						11-1860	GAZE	58040			5-1167	KERNREAKTIO	43075	
ODDBURY					YK	5-1647	PLASMA	57070			10-1078	KERNSPEKTR.	42540	
ODDBURY						10-1700	PLASMA	57070			10-1121	KERNSPEKTR.	42555	
ODDBURY						1-1524	POLYMERE	53550	YAGISAWA	K	3-1717	KRISTALLE	65588	
ODDBURY					WUCKEL	L	6- 572	KERN-MESSG.	40520	YAGISHITA	T	2-1380	PLASMA	57030
ODDBURY					WUECHNER	F	4-1360	ATOME	52022	YAGLENKO	VT	12-1773	PLASMA	57053
ODDBURY					WULLLEUMIER F		3-2317	SUPRALEITG.	70540	YAGNIK	CM	3-1661	FK-SPEKTREN	73310
ODDBURY					WULFF	J	5-1863	KRISTALLE	65540			7-2407	FK-SPEKTREN	73310
ODDBURY														

YAGUDINA	FR	10- 874	ELEMENTART.	41574	YAMAGUCHI	J	12-2782	HALBLEITER	71530	YAMATO	H	1-1689	PLASMA	57260
		11- 749	ELEMENTART.	41574		K	2-1686	KRISTALLE	65576			1-1690	PLASMA	57260
YAHIA	J	12-2677	HALBLEITER	71570			4-2136	FK-SPEKTREN	73365	YAMAWAKI	K	4- 688	OPT.INSTRUM	28560
YAJIMA	T	5-2613	FK-SPEKTREN	73340		N	12-2571	MAGN.EIG.FK	69060	YAMAYA	T	8-1063	KERNSTRUKT.	42010
		10- 613	MASER,LASER	28060		S	2-2127	MAGN.EIG.FK	69045			8-1067	KERNSTRUKT.	42010
YAKAITIS	FL	10- 366	HYDRODYNAM.	23010			5-2559	FK-SPEKTREN	73315			11-1272	KERNSTRUKT.	43050
YAKER	M	2-1064	KERNREAKTIO	43064			8-1891	KRISTALLE	65574	YAMAZAKI	H	2- 434	TEILCH.OPT.	27040
		7-1064	KERNSPEKTR.	42540			9-2113	MAGN.EIG.FK	69035			2- 435	TEILCH.OPT.	27040
		11-1292	KERNREAKTIO	43060			12-2218	KRISTALLE	65588			4-2134	FK-SPEKTREN	73360
		12-1372	KERNREAKTIO	43064		T	3- 558	OPT.INSTRUM	28526			5- 504	TEILCH.OPT.	27040
YAKHONTOVA	VE	10-1476	ATOME	52070			8-1849	KRISTALLE	65530			8- 524	TEILCH.OPT.	27010
YAKIMENKO	IP	9-1392	MOLEKUELE	52585			11- 297	HYDRODYNAM.	23020		M	3-1581	FLUESSIGK.	58540
	MN	6- 714	ELEMENTART.	41563	YAMAJI	Y	7-2299	METAL.LEITG	71010			8- 226	QUANTENTHEO	16570
YAKIMOVICH	KA	7-1725	FLUESSIGK.	58540	YAMAKA	E	7- 603	OPT.INSTRUM	28520		T	11-1134	KERNSPEKTR.	42560
		9-1676	FLUESSIGK.	58540			10-2735	OPT.EIG.FK	73645			11-1285	KERNREAKTIO	43050
YAKOBI	YA	8-1654	PLASMA	57090			12-3088	FK-SPEKTREN	73375			12-1180	KERNSTRUKT.	42070
		10-1722	PLASMA	57093	YAMAKAWA	H	3-1306	POLYMERE	53535			12-1242	KERNSPEKTR.	42550
YAKOVENKO	AA	2-2612	DUENNE SCHI	74040			9-1402	POLYMERE	53535		Y	4-1892	KRISTALLE	65580
	TI	1- 755	KERN-MESSG.	40584	YAMAKI	T	5- 843	ELEMENTART.	41574			4-1893	KRISTALLE	65580
	VA	2-2542	OPT.EIG.FK	73630			11- 751	ELEMENTART.	41574	YAMDAGNI	N	5- 983	STARKE WW.	41770
	VM	3-2443	HALBLEITER	71580	YAMALEEV	KM	11-2491	MAGN.EIG.FK	69060		R	4-1500	MOLEKUELE	52520
		6-2099	GITTERDYN.	67060	YAMAMOTO	G	3- 640	PHYS.OPTIK	29060	YAMIN	P	2- 788	STARKE WW.	41720
		11-2562	LEITFHGK.FK	70045			9-1169	ATOME	52020	YAMHAMOTO	T	6-2126	THERMEIG.FK	67550
YAKOVLEV	AA	9- 566	OPT.INSTRUM	28530		H	7-2435	FK-SPEKTREN	73325	YAMPOLSKII	ES	11-1780	PLASMA	57200
	AI	10- 84	MESSEN	12230			9-2378	FK-SPEKTREN	73310	YAMZIN	II	6-2219	MAGN.EIG.FK	69010
	EA	8- 627	OPT.INSTRUM	28526		J	2- 499	MASER,LASER	28055			7-2136	MAGN.EIG.FK	69010
		10- 638	OPT.INSTRUM	28530			3- 543	MASER,LASER	28055	YAN	TM	3- 255	FELDTHEORIE	18020
		10-1654	PLASMA	57020			5- 634	OPT.INSTRUM	28553	YANABU	T	11-1333	KERNREAKTIO	43080
	GD	6- 54	LABORTECHN.	12525			11- 481	MASER,LASER	28055	YANAGAWA	S	4-1333	KERNSTRHLG.	44030
	IP	12-1635	MOLEKUELE	52538			11-2807	PHOTOLEITG.	72330			9- 607	PHYS.OPTIK	29030
	RM	8-1219	KERNREAKTIO	43054		K	1- 210	QU.FELDTHEO	17010			11-2337	MAGN.EIG.FK	69020
	VA	1- 570	MASER,LASER	28050			2- 158	QU.FELDTHEO	17010	YANAGIDA	T	11-1611	POLYMERE	53520
		5- 569	MASER,LASER	28050			3-1473	GASENTLADG.	57840	YANAGIHARA	T	2-2335	HALBLEITER	71520
		12- 619	MASER,LASER	28050			5-2542	PHOTOLEITG.	72510	YANAI	H	8-2393	HALBLEITER	71540
	VF	6-1596	GASE	58020			7- 837	ELEMENTART.	41510	YANASE	A	11-2338	MAGN.EIG.FK	69020
	VI	11-3252	KOSM.STRLG.	90630			7-1552	PLASMA	57055			12-2147	KRISTALLE	65540
		11-3261	KOSM.STRLG.	90640			7-1996	MECH.EIG.FK	66518	YANCHEVSKAYA	I.S.	4-2126	FK-SPEKTREN	73350
	YM	5-2210	FK-SPEKTREN	73360			8-2403	HALBLEITER	71540	YANEV	CK	8-1352	ATOME	52060
		10- 603	MASER,LASER	28055			9-1672	FLUESSIGK.	58530	YANG	RN	1- 865	STARKE WW.	41720
		12-2546	MAGN.EIG.FK	69030			10-2302	MAGN.EIG.FK	69050			8-2177	MAGN.EIG.FK	69020
	YP	3-1988	THERMEIG.FK	67520			11- 730	ELEMENTART.	41560			9-2058	DIELEKTRIKA	68030
		5-1161	KERNREAKTIO	43056			11-1648	POLYMERE	53550			11- 209	STATISTIK	17560
YAKOVLEVA	ES	9-1037	KERNREAKTIO	43050			12-1059	STARKE WW.	41750		CP	9-2057	DIELEKTRIKA	68030
	IV	3-1878	MECH.EIG.FK	66545		M	2-1176	ATOME	52027			9-2058	DIELEKTRIKA	68030
	KA	7- 885	ELEMENTART.	41578			7-1497	POLYMERE	53542		JY	4-1822	FLUESSIGK.	58570
	ZS	9-2186	MAGN.EIG.FK	69070			9-2276	HALBLEITER	71520			8-1500	MOLEKUELE	52580
YAKOVLYEV	VP	11-2842	FK-SPEKTREN	73320		N	12-1910	GASENTLADG.	57880			9-1389	MOLEKUELE	52580
YAKOWITZ	H	5-1493	MOLEKUELE	52580			1-2577	OPT.EIG.FK	73645		K	9-1354	MOLEKUELE	52570
YAKUB	LI	8- 637	OPT.INSTRUM	28535			7-2327	HALBLEITER	71520		KS	10-3074	KOSM.PHYSIK	94510
		6-1195	ATOME	52035			9-2152	MAGN.EIG.FK	69060		KT	1- 430	WAERME	24060
		7-1316	ATOME	52035		R	1-2576	OPT.EIG.FK	73645			1- 444	THERMODYN.	24530
		12-1516	ATOME	52035		S	3-2447	HALBLEITER	71590			7- 708	PHYS.OPTIK	29060
YAKUBA	VV	11-1917	FLUESSIGK.	58543			5-1335	ATOME	52085			9- 384	WAERME	24050
YAKUBOV	IT	8-1569	PLASMA	57020			6- 840	STARKE WW.	41773		MYA	11- 337	WAERME	24060
		10- 718	PHYS.OPTIK	29066		T	2-1442	PLASMA	57235			5- 589	MASER,LASER	28060
YAKUSHEV	YT	10-1410	ATOME	52024			10- 403	AKUSTIK	23520	YANICHKIN	VI	11-1927	FLUESSIGK.	58550
YAKUSHEVSKAYA	K.E.	9- 332	HYDRODYNAM.	23060			12-1825	PLASMA	57085	YANKAUSKAS	ZK	3-1071	KERNREAKTIO	43060
		3-2805	LUFTHUELLE	90860		Y	5- 890	STARKE WW.	41725			10- 393	HYDRODYNAM.	23060
YAKUTIN	VI	11-1550	MOLEKUELE	52538	YAMAMURA	H	2- 930	KERNSTRUKT.	42075			2- 501	MASER,LASER	28060
YALAMOV	YI	6-1592		50025			3- 955	KERNSPEKTR.	42560			4- 651	MASER,LASER	28060
		8- 292	STATISTIK	17523			4-1073	KERNSTRUKT.	42075			9- 533	MASER,LASER	28050
		8- 411	HYDRODYNAM.	23070	YAMANAKA	C	11-1001	KERNSTRUKT.	42075	YANKOVSKII	AA	8-1678	PLASMA	57250
		8-1831	DISP.SYST.	59540			1- 571	MASER,LASER	28050		AV	12- 782	KERN-MESSG.	405120
YALE	GD	11-1565	MOLEKUELE	52560			1-1532	PLASMA	57010	YANKWICH	PE	6- 317	THERMODYN.	24540
YAM	YJ	3- 172	QUANTENTHEO	16578			2-1430	PLASMA	57090	YANNAS	I	10-1858	FLUESSIGK.	58550
YAMACHI	YI	3- 705	KERN-MESSG.	40582			6-1451	PLASMA	57050	YANO	FB	3- 896	KERNSTRUKT.	42070
YAMADA	E	1- 167	QUANTENTHEO	16533			8- 583	MASER,LASER	28040		H	7-1995	MECH.EIG.FK	665180
		1-2330	HALBLEITER	71520			8-1679	PLASMA	57256		S	5-2542	PHOTOLEITG.	72510
	H	2-2091	MAGN.EIG.FK	69030			9- 536	MASER,LASER	28055		T	3- 883	KERNSTRUKT.	42010
		10-1899	DISP.SYST.	59520			10-1686	PLASMA	57050	YANOVSKAYA	GN	8- 908	ELEMENTART.	415740
		12-2910	FK-SPEKTREN	73330		M	2- 499	MASER,LASER	28055			12-1883	PLASMA	57210
	HY	5-1285	ATOME	52045			3- 543	MASER,LASER	28055	YANOVSKII	VG	8-2597	OPT.EIG.FK	73620
	I	4-2182	MAGN.EIG.FK	69050			3-2648	DUENNE SCHI	74050	YANOVSKY	YK	2-1332	POLYMERE	53540
	K	6-2272	MAGN.EIG.FK	69050			5-2732	DUENNE SCHI	74050	YANOWITZ	M	2-2755	LUFTHUELLE	90840
		12-2678	LEITFHGK.FK	70072			6-2652	DUENNE SCHI	74020			6-2803	LUFTHUELLE	90840
	M	2- 735	ELEMENTART.	41566			11- 481	MASER,LASER	28055	YANSON	IK	4-2373	HALBLEITER	71570
	N	4-1892	KRISTALLE	65586			11-1781	PLASMA	57206			6-2370	SUPRALEITG.	70520
		4-1893	KRISTALLE	65586			12- 644	MASER,LASER	28055			8-2347	SUPRALEITG.	70550
		9-2243	SUPRALEITG.	70550		S	2-2599	DUENNE SCHI	74020			12-2724	SUPRALEITG.	70550
		10-2319	MAGN.EIG.FK	69060			3-2646	DUENNE SCHI	74050	YANTOVSKII	EI	4-1620	PLASMA	570450
		10-2641	FK-SPEKTREN	73360		T	8-1679	PLASMA	57256			12-1772	PLASMA	570530
	Q	4-1997	MECH.EIG.FK	66553	YAMANE	K	5-1848	DISP.SYST.	59540	YANUSHKEVICH	E.P.	9- 260	MECHANIK	220320
		9-2161	MAGN.EIG.FK	69070	YAMANOUCHI	T	8- 945	STARKE WW.	41725		VA	11-2117	KRIST.FEHL.	660350
	R	3- 571	OPT.INSTRUM	28545			10- 915	STARKE WW.	41730	YANYEV	RK	1-1422	ATOME	52060
		9- 505	MASER,LASER	28040	YAMASAKI	H	12-1043	STARKE WW.	41740	YAO	T	10- 149	QUANTENTHEO	165160
	S	1- 965	STARKE WW.	41783		K	11- 230	FELDTHEORIE	18020		YL	10- 456	THERMODYN.	245500
		3- 870	STARKE WW.	41780		S	7-2151	MAGN.EIG.FK	69030		YP	2- 732	ELEMENTART.	415660
		7-2561	OPT.EIG.FK	73645			12-1446	KERNSTRHLG.	44010	YAP	CT	1-1028	KERNSPEKTR.	425150
		12-1853	MECH.EIG.FK	66540			12-1961	FLUESSIGK.	58525			11-1015	KERNSPEKTR.	425150
		3-1569	FLUESSIGK.	58540			8- 716	PHYS.OPTIK	29040	YAOB	VN	7-2083	THERMEIG.FK	675200
		3-2099	MAGN.EIG.FK	69025	YAMASHITA	A	3-2409	HALBLEITER	71540	YARANDINA	M	5-1418	MOLEKUELE	525360
		5-2157	DIELEKTRIKA	68060		E	2- 447	HF-TECHNIK	27540			8-1431	MOLEKUELE	525360
		8-2579	OPT.EIG.FK	73605		J	1-2243	LEITFHGK.FK	70072	YARBA	V	5- 894	STARKE WW.	417300
		9- 409	THERMODYN.	24536			5-2338	LEITFHGK.FK	70024			5- 896	STARKE WW.	417300
		9-2055	DIELEKTRIKA	68020			11-2542	LEITFHGK.FK	70024		VA	8- 976	STARKE WW.	417350
		9-2062	DIELEKTRIKA	68030		M	2-2801	IONOSPHERE	91072			8- 977	STARKE WW.	417350
		11- 251	MECHANIK	22										

IV	A	3-2540 OPT.EIG.FK	73610	YEFIMOV	BV	10-1237 KERNREAKTIO	43046	YOFFE	AD	8-2613 OPT.EIG.FK	73640
		4-2447 FK-SPEKTREN	73330	YEFREMOV	AV	5- 848 ELEMENTART.	41583	YOH	P	6-2872 SONNENPHYS.	93326
		11-2711 HALBLEITER	71566	YEGGE	JF	5- 55 UNTERRICHT	12040	YOKOMI	H	5- 959 STARKE WW.	41760
KHO	GA	11-2494 MAGN.EIG.FK	69060	YEGOROV	AI	4-2525 OPT.EIG.FK	73655			8- 892 ELEMENTART.	41572
	SA	2- 282 HYDRODYNAM.	23040			7-1299 ATOME	52022			8-1024 STARKE WW.	41760
		7- 407 WAERME	24060	YEH	C	3-1418 PLASMA	57075			8-1025 STARKE WW.	41760
NELL	JL	8-2264 LEITFHGK.FK	70024			4- 446 AKUSTIK	23530			10- 876 ELEMENTART.	41574
		12-2390 GITTERDYN.	67020			4-1668 PLASMA	57075			12-1091 STARKE WW.	41760
OSEWICK	SJ	10-1404 ATOME	52024			7- 706 PHYS.OPTIK	29060	YOKOO	Y	6- 731 ELEMENTART.	41580
COSH	OG	5-1416 FLUESSIGK.	58576			12- 560 HF-TECHNIK	27530	YOKOSAWA	A	2- 673 BESCHLEUNIG	41020
COSHENKO	AP	10- 251 QU.FELDTHEO	17025			12-3096 OPT.EIG.FK	73605			2- 781 STARKE WW.	41725
COSHETSKII	I.D.					3-1356 PLASMA	57045			2- 814 STARKE WW.	41740
		1-2651 GRENZFL.FK	74540			11-1690 PLASMA	57045			4- 843 BESCHLEUNIG	41020
		3-1847 KRIST.FEHL.	66070			5-2557 FK-SPEKTREN	73315			8- 953 STARKE WW.	41725
		3-2008 DIELEKTRIKA	68020			KC 11-3306 IONOSPHERE	91020			9- 708 BESCHLEUNIG	41020
		4-2406 PHOTOLEITG.	72510			N 1- 956 STARKE WW.	41764			9- 814 STARKE WW.	41725
		6-2561 FK-SPEKTREN	73380			2- 827 STARKE WW.	41745	YOKOTA	H	5- 653 OPT.INSTRUM	28595
		9-2358 PHOTOLEITG.	72510			7- 800 STARKE WW.	41764		I	1-2217 LEITFHGK.FK	70056
		10-2609 FK-SPEKTREN	73340			7- 981 STARKE WW.	41764		MJ	4-1932 KRIST.FEHL.	66035
		11-1644 POLYMERE	53546			RHT 4-2295 SUPRALEITG.	70530		R	2-1548 FLUESSIGK.	58530
NOSHEVSKII	L.D.					10-2424 SUPRALEITG.	70520			7-1715 FLUESSIGK.	58530
		6- 605 KERN-MESSG.	40570			11-2214 GITTERDYN.	67060			12- 863 KERN-MESSG.	40584
OSLAVSKII	M.I.					11-2604 SUPRALEITG.	70510			2-1452 PLASMA	57050
		4-2079 DIELEKTRIKA	68050			11-3088 DUENNE SCHI	74040	YOKOYAMA	T	2-2025 FK-SPEKTREN	73370
ROV	AS	2- 684 BESCHLEUNIG	41040			4- 752 PHYS.OPTIK	29045		K	9-1562 PLASMA	57260
		10- 503 ELEKTRODYN.	26540	YEKUTIELI	G	3- 815 STARKE WW.	41740		M	9-1563 PLASMA	57260
ROVAYA	GG	7- 546 MASER,LASER	28045			5- 902 STARKE WW.	41740			2-1430 PLASMA	57090
WOOD	J	9-2681 GRENZFL.FK	74535			8- 981 STARKE WW.	41740			6-1451 PLASMA	57050
		12- 17 BIOGRAPHIEN	10215			11- 888 STARKE WW.	41764		Y	1-2149 MAGN.EIG.FK	69060
RYGIN	VN	5-1544 VAKUUM	13060			12-1080 STARKE WW.	41755			4-2670 ERDKOERPER	90260
RYSEV	NA	7- 408 WAERME	24060	YELIN	R	6-1290 MOLEKUELE	52536	YOKOZAWA	M	8-2639 DUENNE SCHI	74010
SHCHIN	EG	1-1950 GITTERDYN.	67010	YELINSON	MI	5-2724 DUENNE SCHI	74040	YOMOSA	S	5-2983 BIOPHYSIK	96000
SHIN	VI	11-1806 PLASMA	57263	YELISEYEV	BV	6-1436 PLASMA	57045			11-1618 POLYMERE	53535
SHINA	AN	10- 484 ELEKTRIZIT.	26095	YELLIN	J	1- 841 STARKE WW.	41700	YONAS	G	10-1676 PLASMA	57045
SHIRO	T	11-3072 DUENNE SCHI	74010			1-1366 ATOME	52030	YONEI	K	3-1124 ATOME	52010
SHINSKY	JB	5-1198 K-REAKTOREN	43515			12- 997 STARKE WW.	41720	YONEMITSU	K	8-1920 KRISTALLE	65588
		8-1257 K-REAKTOREN	43515	YELON	A	2- 433 TEILCH.OPT.	27040	YONEYAMA	S	4-2182 MAGN.EIG.FK	69050
		9-1112 K-REAKTOREN	43515			4-2130 FK-SPEKTREN	73360	YONEZAWA	F	1- 232 STATISTIK	17526
SKO	AA	1-2649 GRENZFL.FK	74535	YEN	A	10-1119 KERNSPEKTR.	42555		M	3- 775 STARKE WW.	41700
		11-3189 GRENZFL.FK	74563			JL 6-2970 KOSH-PHYSIK	94560			3- 883 KERNSTRUKT.	42010
SKOLKO	VY	9-2602 OPT.EIG.FK	73640			JT 12-1751 PLASMA	57035			5- 863 STARKE WW.	41700
SKOV	DA	1-2520 OPT.EIG.FK	73650			KT 4-2826 SONNENPHYS.	93324			8- 908 ELEMENTART.	41574
		4-2371 HALBLEITER	71570			TF 10- 101 LABORTECHN.	12540			8-1066 KERNSTRUKT.	42010
		12-3145 OPT.EIG.FK	73645			VL 2- 523 OPT.INSTRUM	28540			11- 724 ELEMENTART.	41546
SMOGORODSKII	A.M.					WL 7- 894 STARKE WW.	41710		T	7-1453 MOLEKUELE	52560
		11- 595 KERN-MESSG.	40527			8- 946 STARKE WW.	41725	YONEZU	H	3- 517 MASER,LASER	28050
SMOGORODSKY	A.M.					8- 964 STARKE WW.	41730	YONNET	J	11- 794 STARKE WW.	41725
		12-1374 KERNREAKTIO	43064			1-2467 FK-SPEKTREN	73325	YOO	DN	2-1845 MECH.EIG.FK	66545
SOJIMA	A	11-2774 HALBLEITER	71585			9-2413 FK-SPEKTREN	73325		TS	7-1979 MECH.EIG.FK	66514
SSIEVICH	I	9-2566 OPT.EIG.FK	73610			12-2900 FK-SPEKTREN	73330			3- 799 STARKE WW.	41725
STREBINSKII	A.A.			YENGIBARIAN	NB	7-2895 STERNE	94025			10- 890 STARKE WW.	41725
		10-1617 POLYMERE	53535	YEOWART	NS	6-3003 HOEREN	96310	YORK	C	3- 757 ELEMENTART.	41574
STREBOV	VN	1-2070 FK-SPEKTREN	73355	YEP	TO	1-2325 HALBLEITER	71520		ED	3-2273 SUPRALEITG.	70510
		5-2183 FK-SPEKTREN	73370	YERANOS	WA	8-1384 MOLEKUELE	52514	YOSELI	M	3-1417 PLASMA	57085
		10-2631 FK-SPEKTREN	73355			9-1272 MOLEKUELE	52514			4-1676 PLASMA	57085
SUDA	K	8- 821 BESCHLEUNIG	41030			9-1273 MOLEKUELE	52514			7-1579 PLASMA	57085
	Y	4-2154 MAGN.EIG.FK	69030	YERASTOV	EM	1-1220 KERNREAKTIO	43052			9-1452 PLASMA	57030
SUKOCHI	K	12-2718 SUPRALEITG.	70550	YEREMENKO	VV	5-2462 HALBLEITER	71520	YOSHI YAMA	T	12-2285 KRIST.FEHL.	66035
		12-2719 SUPRALEITG.	70550			6-2523 FK-SPEKTREN	73325	YOSHIDA	A	2-2400 HALBLEITER	71570
SUMI	S	7- 767 KERN-MESSG.	40522			7-2546 OPT.EIG.FK	73610		H	11-1901 FLUESSIGK.	58530
		11- 751 ELEMENTART.	41574	YERMACHENKO	VM	10-1718 PLASMA	57090		K	3-1861 KRIST.FEHL.	66035
		12- 970 ELEMENTART.	41574	YERHAKOV	ON	12-1341 KERNREAKTIO	43046			3-2625 DUENNE SCHI	74020
SUNAGA	H	8-2440 PHOTOLEITG.	72510	YERMOLAYEV	AM	12-2736 METAL.LEITG	71010			7- 295 MECHANIK	22038
SUNO	M	7- 921 STARKE WW.	41725	YERMOLAYEVA	TK	1-1572 PLASMA	57045			9- 638 KERN-MESSG.	40503
		11- 850 STARKE WW.	41740	YEROFEEV	IA	5- 977 STARKE WW.	41764			10- 243 QU.FELDTHEO	17015
	T	12-1414 K-REAKTOREN	43515	YEROSHENKO	YG	3-2881 PLANETEN	93640			11- 277 HYDRODYNAM.	23015
SUOKA	Y	3- 517 MASER,LASER	28050	YERSIN	H	3-2597 DUENNE SCHI	74020		M	2-2380 HALBLEITER	71563
UTES	AC	10-1592 MOLEKUELE	52580	YERUKHIMOV	MS	5-2731 DUENNE SCHI	74050			8-2408 HALBLEITER	71560
	B	5-2120 THERMEIG.FK	67530	YERYOMENKO	VV	9-2567 OPT.EIG.FK	73610		N	10-2041 KRIST.FEHL.	66035
		7-2092 THERMEIG.FK	67530	YERZINKIAN	AL	4-1855 KRISTALLE	65540			5- 651 OPT.INSTRUM	28570
	EC	2- 636 KERN-MESSG.	40518	YESELSON	BN	1-1750 FLUESSIGK.	58527		O	3-2467 PHOTOLEITG.	72510
		7-1824 KRISTALLE	65570	YESSIK	M	7-2378 THERMOELEKT.	72010			11-2806 PHOTOLEITG.	72530
	GH	6-2468 HALBLEITER	71570			9-2083 MAGN.EIG.FK	69010		S	1-1011 KERNSTRUKT.	42075
	KW	8-2836 ASTROPHYSIK	93030	YGUERABIDE	J	7-1732 FLUESSIGK.	58546			2-1784 KRIST.FEHL.	66035
UTES JR.	JT	7-2649 GRENZFL.FK	74535	YI	PN	8-1441 MOLEKUELE	52543			3-2694 GRENZFL.FK	74576
		7-2650 GRENZFL.FK	74535			11-1555 MOLEKUELE	52543			5-1021 KERNSTRUKT.	42080
UTSENKO	A	6- 185 STATISTIK	17523	YIH	CS	2- 263 HYDRODYNAM.	23020			11- 999 KERNSTRUKT.	42075
	AA	11-2332 MAGN.EIG.FK	69015			12- 415 HYDRODYNAM.	23020			11-1316 KERNREAKTIO	43068
	AF	4-2646 GRENZFL.FK	74573	YIM	WM	7-1796 KRISTALLE	65518			11-2502 MAGN.EIG.FK	69065
	GI	9- 661 KERN-MESSG.	40532	YIN	ML	10- 197 QUANTENTHEO	16533			12-2739 METAL.LEITG	71010
UTSIMIRSKII	K.B.					4- 637 MASER,LASER	28055			12-3294 GEOMAGNET.	90440
		8-1407 MOLEKUELE	52522	YING	SC	10-2321 MAGN.EIG.FK	69065		T	8- 929 STARKE WW.	41700
	S	4-1487 MOLEKUELE	52540			11- 215 STATISTIK	17563			8- 984 STARKE WW.	41740
UTSIV	S	9-2442 FK-SPEKTREN	73330			10-1251 KERNREAKTIO	43054		Y	3- 572 OPT.INSTRUM	28545
UTSUI	K	12-1812 PLASMA	57080	YIOU	F	11- 842 STARKE WW.	41740			3- 573 OPT.INSTRUM	28545
U	SS	11-3476 BIOPHYSIK	96000	YIP	GL	3-1397 PLASMA	57090			11-1276 KERNREAKTIO	43056
UAVIN	AI	9-1073 KERNREAKTIO	43075			5-1580 PLASMA	57070	YOSHIHIRO	K	9-2220 SUPRALEITG.	70540
		11-1318 KERNREAKTIO	43075			7-1580 PLASMA	57090	YOSHII	H	12- 967 ELEMENTART.	41574
		11-1319 KERNREAKTIO	43075			P 11- 959 KERNSTRUKT.	42020		S	12-2582 MAGN.EIG.FK	69060
VLINSKII	YM	9- 652 KERN-MESSG.	40520			S 3-1534 FLUESSIGK.	58520	YOSHIKAWA	A	2-1786 KRIST.FEHL.	66035
VAYOR	IP	12-1888 GASENTLADG.	57810			7-1671 GASE	58060			7-2416 FK-SPEKTREN	73320
	SY	4- 545 TEILCH.OPT.	27010			9-1633 FLUESSIGK.	58520			12-3115 OPT.EIG.FK	73610
VAYOROVSKII	IG	12-2109 KRISTALLE	65518			11-1865 GASE	58060		M	6-1458 PLASMA	57055
VAZAKI	K	5-1111 KERNREAKTIO	43008			5-2900 SONNENPHYS.	93326		S	1-1689 PLASMA	57263
		9-1003 KERNREAKTIO	43012	YNDURAIN	FJ	2- 86 QUANTENTHEO	16516			1-1690 PLASMA	57263
	T	8-2430 THERMOELEKT.	72010			7- 960 STARKE WW.	41755			7-1541 PLASMA	57085
		9-2277 HALBLEITER	71520			11- 124 QUANTENTHEO	16578			10-1738 PLASMA	57250
VAZVITSKY	YS	10-1244 KERNREAKTIO	43048			12- 243 QUANTENTHEO	16578	YOSHIMINE	M	3-1197 MOLEKUELE	52510
VAZVITSKII	BY	8-2133 DIELEKTRIKA	68020	YNGVESSON	KO	7-2793 IONOSPHERE	91072			8-1375 MOLEKUELE	52510
		12-2483 DIELEKTRIKA	68020			3-2040 FK-SPEKTREN	73370			8-1387 MOLEKUELE	52512
		10- 705 PHYS.OPTIK	29060	YNTEMA	JL	4-1260 KERNREAKTIO	43064	YOSHIMORI	A	11-2346 MAGN.EIG.FK	69025
		12-2082 FLUESSIGK.	58510			4-1274 KERNREAKTIO	43080	YOSHIMOTO	H	7- 669 OPT.INSTRUM	28595
WAGLEY	RL	1-2598 DUENNE SCHI	74010			6-1027 KERNREAKTIO	43014	YOSHIMURA	H	9-1562 PLASMA	57260
WARIAN	MR	4-1204 KERNREAKTIO	43032			8-1224 KERNREAKTIO	43064			9-1563 PLASMA	57260
		4-1205 KERNREAKTIO	43034			11-1051 KERNPEKTR.	42545		M	10- 916 STARKE WW.	41730
		4-1206 KERNREAKTIO	43034	YOCCOZ	J	1- 984 KERNSTRUKT.	42020		T	4- 282 QU.FELDTHEO	17040
		6-1038 KERNREAKTIO	43032			4-1048 KERNSTRUKT.	42040			6-2836 IONOSPHERE	91060
		9-1012 KERNREAKTIO	43032	YOCK	PCM	2- 759 STARKE WW.	41700		Y	7- 767 KERN-MESSG.	40522
		10-1209 KERNREAKTIO	43034			7- 892 STARKE WW.	41700			11- 751 ELEMENTART.	41574
		10-12									

YOSHINAGA	H	11- 481 MASER, LASER	28055	YTHIER	C	5-1059 KERNSPEKTR.	42550	ZABOLOT SKAYA	E.A.	7-1729 FLUESSIGK.	5851
		11-1781 PLASMA	57206	YU	AYC	10-2684 OPT.EIG.FK	73605	ZABRODIN	VA	4- 523 ELEKTRIZIT.	2601
		11-2807 PHOTOLEITG.	73605			12-2615 LEITFHGK.FK	70024	ZABUSKY	NJ	11- 101 QUANTENTHEO	1651
YOSHINO	K	12- 644 MASER, LASER	28055		CP	9-1479 PLASMA	57055	ZACCARIA	F	2- 85 QUANTENTHEO	1651
		6-2595 OPT.EIG.FK	73635		DUL	4-1258 KERNREAKTIO	43062			5- 137 QUANTENTHEO	1651
		7-1401 MOLEKUELE	52524		EY	9-1611 GASE	58025			11- 79 QUANTENTHEO	1651
YOSHIOKA	H	10- 585 MASER, LASER	28045		H	6-1372 POLYMERE	53525	ZACEK	F	10-1657 PLASMA	57021
		3-2548 OPT.EIG.FK	73610		K	9-2765 LUFTHUELLE	90840			10-1703 PLASMA	57021
	K	11-1637 POLYMERE	53546		NT	12-2053 FLUESSIGK.	58565	ZACHA	KE	10- 623 OPT.INSTRUM	2851
YOSHIZAWA	J	3- 661 KERN-MESSG.	40503		RM	7-2593 DUENNE SCHI	74020	ZACHARIASEN	F	3- 867 STARKE WW.	4171
	T	7- 380 WAERME	24023		YW	8-1291 KERNSTRHLG.	44030			3- 868 STARKE WW.	4171
	M	3-2638 DUENNE SCHI	74040	YUABOV	YM	10-2520 PHOTOLEITG.	72510			11- 871 STARKE WW.	4171
		3-2652 DUENNE SCHI	74060	YUAN	LCL	2-1136 KERNSTRHLG.	44030			3-1676 KRISTALLE	6551
		8-2441 PHOTOLEITG.	72510			12-1043 STARKE WW.	41740			9- 617 PHYS.OPTIK	29041
	Y	10-2527 PHOTOLEITG.	72510	YUASA	M	12-2005 FLUESSIGK.	58546			10-1967 KRISTALLE	6551
		10-1198 KERNREAKTIO	43018		T	2-1710 KRISTALLE	65584	ZACHARKO	B	12-2427 THERMEIG.FK	6751
		12-1395 KERNREAKTIO	43085			2-1711 KRISTALLE	65586	ZACHAROV	W	12-1004 STARKE WW.	4171
YOSIDA	K	5-2384 LEITFHGK.FK	70076			4-1241 KERNREAKTIO	43054	ZACHARY	WW	5-1531 PLASMA	57071
		7-2197 LEITFHGK.FK	70020			11-1267 KERNREAKTIO	43054	ZACHER	RW	5- 971 STARKE WW.	4171
YOSIM	SJ	11-2341 MAGN.EIG.FK	69020	YUCKER	W	2- 969 KERNSPEKTR.	42555	ZACHMANN	E	10- 42 TAGUNGEN	1051
YOTSUMOTO	H	9-1702 FLUESSIGK.	58565	YUDANCV	BV	10- 482 ELEKTRIZIT.	20600			12- 49 TAGUNGEN	1051
YOUEDELIS	WV	7- 465 TEILCH.OPT.	27030	YUDIN	AA	2-1780 KRIST.FEHL.	66035			5-1507 POLYMERE	53541
		4-1914 KRIST.FEHL.	66025		AL	2-1985 DIELEKTRIKA	68030			10-1607 POLYMERE	53541
		4-1915 KRIST.FEHL.	66025		DM	3-1563 FLUESSIGK.	58530			11-2233 THERMEIG.FK	6751
YOUNG	AM	7-1227 KERNREAKTIO	43075			6-1667 FLUESSIGK.	58530	ZACHOR	AS	5-1388 MOLEKUELE	52521
	AT	3-2853 ASTROPHYSIK	93030			12-2117 KRISTALLE	65540			5-1404 MOLEKUELE	52531
		9-2827 ASTROPHYSIK	93020		MF	1-2867 STRAHL.BIOL	97010			10-1797 GASE	58061
	BL	4- 999 STARKE WW.	41764		NP	8-1131 KERNSPEKTR.	42545	ZADUBAN	M	10-3142 STRAHL.BIOL	97001
		4-1000 STARKE WW.	41764			10-1031 KERNSTRUKT.	42040	ZAEHRINGER	J	6-2900 PLANETEN	93631
		7- 990 STARKE WW.	41770		VM	7-2160 MAGN.EIG.FK	69045	ZAFFARANO	DJ	4-1027 STARKE WW.	4171
	C	5-1455 MOLEKUELE	52560		YN	6- 352 ELEKTRODYN.	26540	ZAFIRATOS	CD	1-1259 KERNREAKTIO	43081
CG		3-2496 FK-SPEKTREN	73325	YUDITSKII	VD	5- 94 LABORTECHN.	12580			2-1040 KERNREAKTIO	43041
CR		11-3148 DUENNE SCHI	74060	YUE	AF	8-2112 THERMEIG.FK	67556			4-1210 KERNREAKTIO	43041
DA		2-2255 HALBLEITER	71520	YUEN	PS	9-1954 GITTERDYN.	67010	ZAFRA DE	RL	4- 100 UNTERRICHT	12041
		8-1782 FLUESSIGK.	58555	YUFEREV	VS	3-1366 PLASMA	57050	ZAGANESCU	M	5- 177 QUANTENTHEO	1651
		9-1638 FLUESSIGK.	58520			11-1719 PLASMA	57053	ZAGIEBOYLO	W	8-2043 MECH.EIG.FK	66541
		11-1845 GASE	58010	YUGO	S	8-2001 KRIST.FEHL.	66065	ZAGORODNIKOV	S.P.	1-1598 PLASMA	57051
ECM		1- 798 ELEMENTART.	41545	YUGOV	VA	1-2586 DUENNE SCHI	74000	ZAGRUBSKII	AA	2-2682 GRENZFL.FK	74571
EF		6-2532 FK-SPEKTREN	73330	YUI	AKM	9-1575 PLASMA	57295	ZAGRYAZNIK	NA	10-1765 GASENTLADG.	57871
		6-2533 FK-SPEKTREN	73330	YUKAWA	H	1- 782 ELEMENTART.	41520	ZAGULYAEVA	VN	6-2761 GEOMAGNET.	90441
FC		3- 917 KERNSPEKTR.	42540	YUKHNEVICH	AV	4-1963 KRIST.FEHL.	66076	ZAGURY	N	6- 729 ELEMENTART.	41571
		12-1204 KERNSPEKTR.	42540		GV	1-1798 FLUESSIGK.	58576			8- 977 ELEMENTART.	41571
		12-1387 KERNREAKTIO	43075	YUKHNOVSKY	IR	2- 192 STATISTIK	17563	ZAGUSKIN	YL	8- 914 ELEMENTART.	41571
FR		6-1688 FLUESSIGK.	58543	YUKIMOTO	Y	2-1783 KRIST.FEHL.	66035	ZAHN	AB	1-2820 STERNE	94051
GO		11- 539 PHYS.OPTIK	29015			3-1811 KRIST.FEHL.	66035	ZAHN	JP	4-2427 FK-SPEKTREN	73321
HJ		7-1223 KERNREAKTIO	43075	YUKOVA	AI	10-1909 KRISTALLE	65510	ZAHN VON	U	7-2738 LUFTHUELLE	90820
HW		3-2650 DUENNE SCHI	74060	YULE	HP	5-1025 KERNSPEKTR.	42510	ZAHND	J	8-1928 KRIST.FEHL.	66011
IM		11-3487 HOEREN	96310	YUMASHEV	YM	12-2314 KRIST.FEHL.	66076	ZAHNRADNIK	R	10-1533 MOLEKUELE	52521
JA		8-1285 KERNSTRHLG.	44010	YUN	SK	1- 820 ELEMENTART.	41560	ZAHRT	JD	6-1258 MOLEKUELE	52511
JC		1-1304 KERNSTRHLG.	44010	YUNGKLAUSSEN	K	12-1062 STARKE WW.	41750	ZAHS	G	6-1154 KERNSTRHLG.	44031
		11- 836 STARKE WW.	41740			2- 995 KERNSPEKTR.	42570	ZAIDEL	AN	2-1423 PLASMA	57201
		12- 785 KERN-MESSG.	40518	YUNGWIRTH	K	10-1719 PLASMA	57090			10- 669 OPT.INSTRUM	28571
JD		5- 374 AKUSTIK	23595	YUNOKI	Y	2-1324 POLYMERE	53500	KE	8- 444 WAERME	24021	
JE		4-1002 STARKE WW.	41764	YUNOVICH	AE	9-2608 OPT.EIG.FK	73645	MAH	11-2201 MECH.EIG.FK	66581	
KK		1- 803 ELEMENTART.	41546			10-2733 OPT.EIG.FK	73645	ZAIDI	MH	3- 226 STATISTIK	17531
LA		10-1537 MOLEKUELE	52534			11-2798 PHOTOLEITG.	72510	SAA	2-1060 KERNREAKTIO	43061	
		10-1733 PLASMA	57210	YURA	O	12-3134 OPT.EIG.FK	73640			9-1049 KERNREAKTIO	43051
		5-1675 GASENTLADG.	57815	YURASOVA	VE	7- 818 KERN-MESSG.	40584			11-1283 KERNREAKTIO	43051
MA		8-3027 HOEREN	96310			6-2664 DUENNE SCHI	74040	ZAIDINS	CS	12-1162 KERNSTRUKT.	42061
MEJ		4- 831 KERN-MESSG.	40582	YURCHENKO	BD	11-1436 ATOME	52060	ZAIDMAN	GI	6- 921 KERNSPEKTR.	42541
NO		5-1772 FLUESSIGK.	58540		EI	11-3159 GRENZFL.FK	74520			11-2742 HALBLEITER	71561
PA		5-2571 FK-SPEKTREN	73325			11-2164 MECH.EIG.FK	66500			2-2403 HALBLEITER	71581
		10-2561 FK-SPEKTREN	73325	YUREVA	EK	5-1577 PLASMA	57055			2-2404 HALBLEITER	71581
PG		3- 919 KERNSPEKTR.	42540		GA	8-1564 PLASMA	57017			11-2742 HALBLEITER	71561
		9-1068 KERNREAKTIO	43070		II	8-1681 PLASMA	57263	ZAICA	NI	11-2756 HALBLEITER	71571
PS		4- 875 ELEMENTART.	41546		TD	12-2724 SUPRALEITG.	70550			11- 595 KERN-MESSG.	40521
R		4-2823 SONNENPHYS.	93316			5-2270 MAGN.EIG.FK	69045			12-1374 KERNREAKTIO	43061
RA		5-1316 ATOME	52065		GA	1-2124 MAGN.EIG.FK	69030			3- 504 MASER, LASER	28041
		6-1358 MOLEKUELE	52575		ND	2-2332 HALBLEITER	71520	ZAIDIN	D	12- 607 MASER, LASER	28041
		10-2198 THERMEIG.FK	67553		OP	4- 800 KERN-MESSG.	40505	ZAIDMAN	RG	3- 895 KERNSTRUKT.	42071
		11-1589 MOLEKUELE	52575	YURGANDV	LN	5-2435 HALBLEITER	71530	ZAIDMAN	RP	11-3462 KOSM.PHYSIK	94581
		11-1590 MOLEKUELE	52575	YURIEV	MS	12-3126 OPT.EIG.FK	73635	ZAIDMAN	RP	9- 182 QU.FELDTHEO	17011
		12-2475 DIELEKTRIKA	68020		VS	10-2901 LUFTHUELLE	90860	ZAIDMAN	MA	10-2075 KRIST.FEHL.	66071
RC		4-2088 FK-SPEKTREN	73370			5- 167 QUANTENTHEO	16530	ZAIMIDOROGA	GA	5- 989 STARKE WW.	41781
		6-2418 HALBLEITER	71520	YURKOV	GN	8- 201 QUANTENTHEO	16530	ZAININGER	KH	4-1961 KRIST.FEHL.	66071
		12-2676 METAL.LEITG	71010	YURKOVA	LN	7-1621 GASENTLADG.	57810	ZAITOV	FN	6-1914 KRIST.FEHL.	66031
RD		6- 222 MECHANIK	22032	YUROV	SG	11-1833 GASENTLADG.	57860			7-1904 KRIST.FEHL.	66031
RL		9-2842 SONNENPHYS.	93314			3- 365 THERMODYN.	24510			8-2023 KRIST.FEHL.	66071
RP		11-1940 FLUESSIGK.	58565	YUROVA	ES	8- 423 AKUSTIK	23510			8-2588 OPT.EIG.FK	73621
RS		7- 388 WAERME	24030			6-3004 SEHEN	96610			9-2578 OPT.EIG.FK	73621
TE		8-1208 KERNREAKTIO	43048	YUROVSKII	AN	2-2323 HALBLEITER	71520			10-2708 OPT.EIG.FK	73641
W		1-2260 SUPRALEITG.	70510		AV	12-1104 K-REAKTOREN	43510			11-2102 KRIST.FEHL.	66031
WAP		2- 658 KERN-MESSG.	40570	YUSHCHUK	SI	12- 773 KERN-MESSG.	40505			3-2067 FK-SPEKTREN	73351
WH		4-1809 FLUESSIGK.	58565	YUSHKO	KB	11-1994 KRISTALLE	65540	ZAITSEV	AA	7-2486 FK-SPEKTREN	73351
		4-1810 FLUESSIGK.	58565	YUSHMAN	EE	10-1883 FLUESSIGK.	58570			2-1483 GASENTLADG.	57851
		6-1623 FLUESSIGK.	58510	YUSTOVA	EN	5-1575 PLASMA	57055			11-1751 PLASMA	57080
		9-2339 THERMOELEKT	72000	YUSUPOVA	D	4-2911 SEHEN	96620			5- 114 VAKUUM	13021
		11-2204 MECH.EIG.FK	66556	YUTA	H	3-1957 GITTERDYN.	67070			3-1601 FLUESSIGK.	58571
YOUNG DE	DS	11-2530 LEITFHGK.FK	70010			7- 905 STARKE WW.	41725			7- 692 PHYS.OPTIK	29041
YOUNG JR.	FW	6-2966 KOSM.PHYSIK	94550	YUTLANDOV	IA	10- 915 STARKE WW.	41730			8-1816 FLUESSIGK.	58571
		6-1945 KRIST.FEHL.	66035	YUTSIS	AP	12-1360 KERNREAKTIO	43054			4-2289 SUPRALEITG.	70520
		6-2507 FK-SPEKTREN	73315	YUZURI	M	2- 90 QUANTENTHEO	16516			5-1697 PLASMA	57201
YOUNGBLOOD	DH	8-2051 MECH.EIG.FK	66545	YUZVUK	NM	12-2906 FK-SPEKTREN	73330			12- 638 MASER, LASER	28051
		12-2304 KRIST.FEHL.	66065	YVERT	P	9- 963 KERNSPEKTR.	42555			1-2836 KOSM.PHYSIK	94550
		1-1059 KERNSPEKTR.	42540	YVON		9- 815 STARKE WW.	41725			8- 601 MASER, LASER	28051
		1-1060 KERNSPEKTR.	42545			3-1030 KERNREAKTIO	43044	ZAITSEVA	YO	10-2223 DIELEKTRIKA	68050
		10-1095 KERNSPEKTR.	42545			10-1227 KERNREAKTIO	43044			11- 568 KERNPHYSIK	40001
YOUNGER	FC	9- 705 BESCHLEUNIG	41020	YUROUD	E	1-1941 MECH.EIG.FK	66556	ZAITSEV	GI	7-2514 FK-SPEKTREN	73380
YOUNT	D	4- 799 KERN-MESSG.	40525			6-2425 HALBLEITER	71530			1- 682 PHYS.OPTIK	29041
		5- 748 KERN-MESSG.	40560	ZABABAKHIN	EG			ZAJAC	A	11-2831 FK-SPEKTREN	73311
		6- 581 KERN-MESSG.	40522	ZABELINA	LI			ZAJDE	C	1- 933 HF-TECHNIK	27540
		11- 733 ELEMENTART.	41563	ZABIYAKIN	YE			ZAK	J	3- 120 QUANTENTHEO	16516
YOURGRAU	W	11-3469 BIOPHYSIK	96000							5-1849 FK-PHYSIK	65000
YOUSEF	AM	9-1481 PLASMA	57055							12- 188 QUANTENTHEO	16516
	YL	7-2367 HALBLEITER	71580					ZAKATOV	LP	12-2665 LEITFHGK.FK	70060
YOUSSEF	H	2-1901 GITTERDYN.	67060					ZAKHARCHENKO	I.O.	12-1869 PLASMA	57250
YOYANOVITCH	DD	8- 953 STARKE WW.	41725							11-1975 KRISTALLE	65516
		8- 974 STARKE WW.	41735							2-2511 OPT.EIG.FK	73610
		9- 814 STARKE WW.									

ZGAINSKY A	5-1439	MOLEKUELE	52524	ZHIVOPISTSEV F.A.	8-1131	KERNSPEKTR.	42545	ZIGNANI F	12-3167	DUENNE SCHI	7401	
ZGANJAR EF	8-1165	KERNSPEKTR.	42565	ZHIZHENKOV VV	1-1516	POLYMERE	53510	ZIJLSTRA RJJ	5-2508	HALBLEITER	7159	
	12-1272	KERNSPEKTR.	42565	ZHIZHIN ED	8- 967	STARKE WW.	41730	ZILBERMAN GE	11- 110	QUANTENTHEO	1653	
ZGIERSKI M	12-1701	MOLEKUELE	52590	ZHMAILLO VA	9- 893	KERNSTRUKT.	42010	PE	2-2346	HALBLEITER	7153	
ZHABOTINSKI M.E.	9- 499	MASER, LASER	28040	ZHMUDSKII AZ	12-2009	FLUESSIGK.	58546		3-1949	GITTERDYN.	6706	
ZHABOTINSKI M.E.	8- 608	MASER, LASER	28060	ZHMURQ VP	7-1761	FLUESSIGK.	58562	ZILBERSHTEIN K.I.	10- 682	PHYS.OPTIK	2901	
	7- 495	HF-TECHNIK	27520	ZHMYREVA IA	10-2583	FK-SPEKTREN	73325	ZILIONYTE S	8-1331	ATOME	5204	
	7- 509	HF-TECHNIK	27540	ZHMYROV VN	7- 791	KERN-MESSG.	40550		12-1525	ATOME	5204	
ZHADKO IP	1-2350	HALBLEITER	71530	ZHMYROYOVA IA	12- 614	MASER, LASER	28045	ZILITIS VA	3-1137	ATOME	5204	
	4-2408	PHOTOLEITG.	72510	ZHOGOLEV DA	2-2022	FK-SPEKTREN	73370		5-1272	ATOME	5204	
	10-2130	MECH.EIG.FK	66556		4-2102	FK-SPEKTREN	73370	ZIMAN JM	3-1964	THERMEIG.FK	67501	
ZHAGAT LA	6-1295	MOLEKUELE	52538	ZHOLKEYICH GA	1-2571	OPT.EIG.FK	73645		6-1735	FLUESSIGK.	58561	
ZHAGROV EA	10-1330	KERNREAKTIO	43092		9-2609	OPT.EIG.FK	73645		6-2177	FK-SPEKTREN	73371	
ZHARIKOV VI	7- 587	MASER, LASER	28060		9-2610	OPT.EIG.FK	73645		8-2091	THERMEIG.FK	67501	
	10-2705	OPT.EIG.FK	73610	ZHOLKOVER TD	12-3213	DUENNE SCHI	74060	ZIMANYI J	8-2241	LEITFHGK.FK	70021	
ZHARIKOV VI	1-2318	HALBLEITER	71520		10- 84	MESSEN	12230	ZIMBRICK J	12-1362	KERNREAKTIO	43061	
	4-2367	HALBLEITER	71566	ZHOROV GA	3-2626	DUENNE SCHI	74030		6-2200	FK-SPEKTREN	73351	
ZHARKO AV	7- 773	KERN-MESSG.	40527		10- 715	PHYS.OPTIK	29066	ZIMERING S	11-2906	FK-SPEKTREN	73351	
	12- 667	OPT.INSTRUM	28526	ZHOROVKOV GI	12-2449	THERMEIG.FK	67553		8-1347	ATOME	52061	
ZHARKOV AP	7- 548	MASER, LASER	28045	ZHOVNA MF	10- 558	MASER, LASER	28035	ZIMMERMAN AH	4- 978	STARKE WW.	41751	
DP	4- 892	ELEMENTART.	41546	ZHUGZHDA YD	10-2970	SONNENPHYS.	93324		7- 952	STARKE WW.	41751	
	9- 753	ELEMENTART.	41546	ZHUKOV AA	2-1478	GASENTLADG.	57840		7- 953	STARKE WW.	41751	
GF	1-2855	KOSM.PHYSIK	94583		AG	8- 625	OPT.INSTRUM	28526		9- 197	QU.FELDTHEO	17021
VN	3-2710	ERDKOERPER	90240							10- 950	STARKE WW.	41751
	10-2842	ERDKOERPER	90240		11- 512	OPT.INSTRUM	28553	ZIMKINA TM	1-1487	MOLEKUELE	52524	
ZHBANOVA ZHDAN	5-1835	FLUESSIGK.	58573	AN	12-2036	FLUESSIGK.	58560		1-2444	FK-SPEKTREN	73315	
AG	6-2735	GRENZFL.FK	74573	MF	9-1552	PLASMA	57250		1-2449	FK-SPEKTREN	73315	
	11-2703	HALBLEITER	71530	MV	10-1185	KERNREAKTIO	43010		6-2508	FK-SPEKTREN	73315	
	11-2744	HALBLEITER	71566	ZHUKOVA IA	3-1975	THERMEIG.FK	67510		7-2413	FK-SPEKTREN	73315	
GB	6- 847	STARKE WW.	41780	II	1-2444	FK-SPEKTREN	73315	ZIMMER H	11-3151	DUENNE SCHI	74065	
	7- 45	TAGUNGEN	10570		1-2449	FK-SPEKTREN	73315		3- 34	TAGUNGEN	10575	
	7- 931	STARKE WW.	41735		7-2413	FK-SPEKTREN	73315	HG	1- 46	BUECHER	11010	
	11- 918	STARKE WW.	41783	IS	9- 625	PHYS.OPTIK	29063	WH	12-1225	KERNSPEKTR.	42545	
GS	2-1680	KRISTALLE	65574	KV	11-3151	DUENNE SCHI	74065	G	4-2435	FK-SPEKTREN	73325	
	3-1705	KRISTALLE	65584		1-2345	HALBLEITER	71530	J	8-1223	KERNREAKTIO	43062	
	8-2132	DIELEKTRIKA	68020	TB	5-1416	FLUESSIGK.	58576	ZIMMERLI T	12- 814	KERN-MESSG.	40532	
	9-1809	KRISTALLE	65578	NN	2-1944	THERMEIG.FK	67550	U	2-2571	DUENNE SCHI	74010	
	11-3066	DUENNE SCHI	74010	VC	6- 957	KERNSPEKTR.	42555	BA	1-1322	KERNSTRHLG.	44030	
	12-2293	KRIST.FEHL.	66060	VG	1- 495	ELEKTRODYN.	26540		8-2940	STERNE	94040	
VA	4-1984	MECH.EIG.FK	66516		2-1462	PLASMA	57266		9- 236	FELDTHEORIE	18040	
	11-1989	KRISTALLE	65530		6-1496	PLASMA	57055	GO	1-1740	FLUESSIGK.	58525	
	12-2115	KRISTALLE	65530	VV	6- 410	MASER, LASER	28045	JE	1-2280	SUPRALEITG.	70550	
VM	9-1600	GASE	58010	VZ	9-2550	OPT.EIG.FK	73605		2-2296	SUPRALEITG.	70560	
	11-2236	THERMEIG.FK	67510	YG	6- 533	PHYS.OPTIK	29066		5-2399	SUPRALEITG.	70520	
NG	9-2259	HALBLEITER	71530		10- 716	PHYS.OPTIK	29066		10-2440	SUPRALEITG.	70520	
VV	2-1987	DIELEKTRIKA	68030	ZHULIN IA	9-2727	GEOMAGNET.	90440	RL	8- 248	QU.FELDTHEO	17010	
ZHEKOV VI	11-3179	GRENZFL.FK	74535	ZHULYAEV YV	1-2552	OPT.EIG.FK	73620	E	8- 349	MECHANIK	22036	
ZHELEV	9-2563	OPT.EIG.FK	73610	ZHURAKOVSKII E.A.	1-2569	FK-SPEKTREN	73315		5-2166	FK-SPEKTREN	73370	
Z	11-1137	KERNSPEKTR.	42565	ZHURAVLEV NM	11- 241	MECHANIK	22032		10-2657	FK-SPEKTREN	73370	
ZT	11-1119	KERNSPEKTR.	42560	OS	12-3465	KOSM.PHYSIK	94530	GO	8-2552	FK-SPEKTREN	73370	
ZHELEZNOVA KM	3- 901	KERNSTRUKT.	42075	VI	1- 850	STARKE WW.	41720	H	7-2358	HALBLEITER	71570	
ZHELEZNYAKOV V.V.	5-2925	STERNE	94025		3- 796	STARKE WW.	41725	P	1-1393	ATOME	52030	
	10-1695	PLASMA	57055		9- 819	STARKE WW.	41725		6-1188	ATOME	52030	
ZHELNOV BL	3- 542	MASER, LASER	28055	VK	10- 523	HF-TECHNIK	27500		11-2556	LEITFHGK.FK	70035	
ZHELUDEV IS	10- 607	MASER, LASER	28055	ZHURAVLEVA LI	3- 696	KERN-MESSG.	40505	PH	12-2956	FK-SPEKTREN	73355	
	1-2025	DIELEKTRIKA	68020		3- 696	KERN-MESSG.	40505		8-2516	FK-SPEKTREN	73355	
	2-1662	FK-SPEKTREN	73310		4-1008	STARKE WW.	41764	S	3- 335	AKUSTIK	23510	
	2-1989	DIELEKTRIKA	68030		12-1108	STARKE WW.	41764	W	4- 278	QU.FELDTHEO	17030	
	2-1992	DIELEKTRIKA	68030	M	12-1039	STARKE WW.	41735		10- 253	QU.FELDTHEO	17040	
	4-2079	DIELEKTRIKA	68050	ZHURAVLYOV VI	1- 208	QU.FELDTHEO	17010	ZIMMERMANN JR. W.	10-1829	FLUESSIGK.	58527	
	4-2490	OPT.EIG.FK	73610	ZHURKIN BG	4-2123	FK-SPEKTREN	73355		6-1182	ATOME	52040	
	6-1788	KRISTALLE	65510		8-2534	FK-SPEKTREN	73355	ZIMNOCH FS	2-2613	DUENNE SCHI	74040	
	7-2544	OPT.EIG.FK	73610	ZHUSUPOV MA	11-1048	KERNSPEKTR.	42540	NS	8-2937	STERNE	94040	
	8-2143	DIELEKTRIKA	68030	ZHUTOVSKII VL	10- 471	ELEKTIZIT.	26012	ZINAMON Z	8- 868	ELEMENTART.	41546	
	8-2452	FK-SPEKTREN	73310	ZHUZGOV LN	3-2881	PLANETEN	93640	A	8- 814	BESCHLEUNIG	41010	
	11-3009	OPT.EIG.FK	73610	ZHVALEV VF	10-2847	ERDKOERPER	90260	GN	4- 846	BESCHLEUNIG	41020	
	12-2337	MECH.EIG.FK	66514	ZIA	10-2216	DIELEKTRIKA	68030	NS	7- 828	BESCHLEUNIG	41010	
IZ	9-2375	FK-SPEKTREN	73310	IYZ	2-1552	FLUESSIGK.	58540		8- 814	BESCHLEUNIG	41010	
ZHELYAZKOV V	11-3046	OPT.EIG.FK	73655	IA	1-1513	POLYMERE	53510	ZINDLER H	5-2833	LUFTWUELLE	90890	
ZHEREBETSKII S.K.	10-1910	KRISTALLE	65510	M	5- 281	ELASTIZIT.	22510	OS	6-2580	OPT.EIG.FK	73605	
	4-2513	FK-SPEKTREN	73325	ZIBUTS YA	5-2525	PHOTOLEITG.	72500		8-2419	HALBLEITER	71570	
	4-2517	OPT.EIG.FK	73650	ZICH RS	4- 746	PHYS.OPTIK	29043	ZINGERMAN YP	8-2695	GRENZFL.FK	74535	
ZHEREBTSOVA KI	5-1166	KERNREAKTIO	43066	ZICHICHI A	1- 33	TAGUNGEN	10545		12-3249	GRENZFL.FK	74535	
	8-1229	KERNREAKTIO	43064		1- 958	STARKE WW.	41764	ZINI G	10-2291	MAGN.EIG.FK	69040	
	11-1080	KERNSPEKTR.	42550	ZICKENDRAHT W	5- 955	STARKE WW.	41760	WM	2-1760	KRIST.FEHL.	66030	
ZHERNOV AP	4-2319	METAL.LEITG	71010	ZIEBARTH G	3- 187	QUANTENTHEO	16988	ZINKE OH	1-1696	PLASMA	57202	
	6-2391	METAL.LEITG	71000	B	11-2810	FK-SPEKTREN	73310	NS	7-1644	GASENTLADG.	57880	
ZHERNOVOI AI	10-2029	KRIST.FEHL.	66025	JF	10-1280	KERNREAKTIO	43062	WR	11- 466	MASER, LASER	28055	
ZHERU II	2-2023	FK-SPEKTREN	73370	K	11-1216	KERNREAKTIO	43038		10-2537	FK-SPEKTREN	73310	
ZHEVAKIN SA	6- 328	ELEKTIZIT.	26016	NF	5-1069	KERNSPEKTR.	42555	ZINN	12-3080	FK-SPEKTREN	73370	
	8-1867	KRISTALLE	65545	1	10- 817	BESCHLEUNIG	41040		3- 237	STATISTIK	17560	
	11-2988	FK-SPEKTREN	73375	1	2-1473	GASENTLADG.	57895	ZINOVIEV VA	10- 337	MECHANIK	22010	
	2-1272	MOLEKUELE	52536	3	3-2447	HALBLEITER	71590	OA	1- 643	OPT.INSTRUM	28566	
	4- 769	PHYS.OPTIK	29063	5	5-2419	SUPRALEITG.	70550	GM	4- 970	STARKE WW.	41745	
	5-1407	MOLEKUELE	52536	9	9-1585	GASENTLADG.	57840	D	6-1267	MOLEKUELE	52512	
ZHEVANDROV ND	6-2587	OPT.EIG.FK	73670	11	10- 479	ELEKTIZIT.	26060	H	8- 493	ELEKTIZIT.	26016	
	9-2571	OPT.EIG.FK	73620	11	11- 420	HF-TECHNIK	27540	JS	2-1698	KRISTALLE	65584	
ZHIDKOV OP	7-2463	FK-SPEKTREN	73355	11	11-1823	GASENTLADG.	57840	J	8-1220	KERNREAKTIO	43056	
	12-2945	FK-SPEKTREN	73345	JP	5-2566	FK-SPEKTREN	73325	EC	12-3302	GEOMAGNET.	90470	
ZHIGLINSKII AG	12-1902	GASENTLADG.	57810		12-2866	FK-SPEKTREN	73320	TF	4- 912	ELEMENTART.	41574	
ZHIGLINSKY AG	5-1340	ATOME	52085	M	9-3031	STRAHL.BIOL	97020		10-2047	KRIST.FEHL.	66062	
ZHIGUNOV VP	11-1785	PLASMA	57210		10-3129	BIOPHYSIK	96040	D	8-3020	KOSM.PHYSIK	94586	
	9- 995	KERNREAKTIO	43005		2-2620	DUENNE SCHI	74060	DM	12- 358	FELDTHEORIE	18045	
	12-1302	KERNREAKTIO	43005		5-2534	PHOTOLEITG.	72510	J	9-2861	SONNENPHYS.	93328	
ZHIGUNOVA IA	4-1470	MOLEKUELE	52510		11-3097	DUENNE SCHI	74040	JB	10-2965	SONNENPHYS.	93324	
ZHILICH AG	2-2510	OPT.EIG.FK	73610		3- 872	STARKE WW.	41790	JP	12-1264	KERNSPEKTR.	42560	
	7-2225	LEITFHGK.FK	70053	ZIELINSKA PFABE M.				D	11- 489	OPT.INSTRUM	28513	
ZHILIN VG	9- 314	HYDRODYNAM.	23040	ZIELINSKA ROHOZINSKA E.	12- 681	OPT.INSTRUM	28545		11- 513	OPT.INSTRUM	28553	
ZHILOVA AN	10-2177	THERMEIG.FK	67510					OK	8-2708	GRENZFL.FK	74570	
ZHILYAKOV SH	7-2162	MAGN.EIG.FK	69045	ZIELINSKI JR. W.L.	5-1640	PLASMA	57010	SH	7-2935	KOSM.PHYSIK	94550	
	10- 534	HF-TECHNIK	27530		10-3145	STRAHL.BIOL	97010	J	11-1427	ATOME	52040	
ZHIRNOV NI	1-1349	ATOME	52010	ZIEMER PL	6- 264	HYDRODYNAM.	23050		2-2028	FK-SPEKTREN	73355	
	2-1151	ATOME	52010	ZIEN HM	6-1445	PLASMA	57050		2-2030	FK-SPEKTREN	73355	
	11- 116	QUANTENTHEO	16536		5- 345	HYDRODYNAM.	23060	NR	9-2469	FK-SPEKTREN	73355	
ZHITAR VF	11-2048	KRISTALLE	65584	ZIENKIEWICZ HK	5- 345	HYDRODYNAM.	23060		1-1620	PLASMA	57070	
ZHITARU RP	8-1996	KRIST.FEHL.	66065	ZIERING S	12-1885	GASENTLADG.						

IZLSPERGER L	2- 561	OPT.INSTRUM	28583			1-1142	KERNSPEKTR.	42565		I	2-2013	FK-SPEKTREN	73370	
IVI	SM	5-1192	K-REAKTOREN	43510		3- 977	KERNSPEKTR.	42565			10-1987	KRISTALLE	65584	
LATAROV	VG	7- 848	ELEMENTART.	41543	ZUBKOV	VL	11-1807	PLASMA	57263		12-3067	FK-SPEKTREN	73370	
LATEVA	AI	10- 908	STARKE WW.	41725	ZUBKOVA	FM	3- 507	MASER,LASER	28045		12-3072	FK-SPEKTREN	73370	
		11- 801	STARKE WW.	41725		LB	10-1524	MOLEKUELE	52516	N	8- 769	KERN-MESSG.	40532	
		11- 802	STARKE WW.	41725		SM	7-2227	LEITFHGK.FK	70053	ZURFLUEH	EG	11-3215	GEOPHYSIK	90000
		11- 803	STARKE WW.	41725		VS	3-2567	OPT.EIG.FK	73630	ZURHEIDE	M	12-3209	DUENNE SCHI	74060
LATIN	NA	8-2057	MECH.EIG.FK	66550			6-2591	OPT.EIG.FK	73620	ZURMUEHLE	RW	7-1096	KERNSPEKTR.	42555
LOMANOV	VP	8-1372	ATOME	52090			7- 551	MASER,LASER	28045	ZUTECK	MD	5-2339	LEITFHGK.FK	70026
LOTNICK	GI	5-1461	MOLEKUELE	52520	ZUBOV	VA	2-1269	MOLEKUELE	52540	ZVARA	I	2- 997	KERNSPEKTR.	42575
LOTOVA	IM	5-1941	KRIST.FEHL.	66010			5- 597	MASER,LASER	28060	ZVAROVA	TS	2- 997	KERNSPEKTR.	42575
LOBOV	KF	8-1367	ATOME	52090			11-1553	MOLEKUELE	52540	ZVENIGORODSKII	A.G.			
LOIKOV	VN	9- 316	HYDRODYNAM.	23040		VG	3-1846	KRIST.FEHL.	66070		6-1076	KERNREAKTIO	43056	
LOUDA	AJ	11-3229	GEOMAGNET.	90430			5-1859	KRISTALLE	65518	ZVENIGORODSKY	A.G.			
		11-3230	GEOMAGNET.	90430		VV	7-2302	METAL.LEITG	71010		4-1108	KERNSPEKTR.	42550	
LOCCHI	M	12-2194	KRISTALLE	65584			9-2128	MAGN.EIG.FK	69045	ZVENIGORODSKY	A	4- 829	KERN-MESSG.	40570
LOELLER	O	3-1485	PLASMA	57055			10-2352	MAGN.EIG.FK	69070		5- 778	BESCHLEUNIG	41010	
LOELLNER	F	1- 670	PHYS.OPTIK	29030			11-2495	MAGN.EIG.FK	69060	ZVEREV	GM	3-2596	OPT.EIG.FK	73630
		9- 601	PHYS.OPTIK	29030			11-2496	MAGN.EIG.FK	69060		4- 649	MASER,LASER	28060	
LOGAL	OJ	12-3057	FK-SPEKTREN	73370	ZUCHOWSKI	R	2-1133	KERNSTRHLG.	44020		5-2580	FK-SPEKTREN	73325	
LOHNER	K	2-1629	KRISTALLE	65540	ZUCKER	A	3-1056	KERNREAKTIO	43054		7-1820	KRISTALLE	65545	
LOHNI	O	2-1004	KERNREAKTIO	43010			6-1100	KERNREAKTIO	43085		8-1868	KRISTALLE	65545	
		2-1005	KERNREAKTIO	43010			7-1191	KERNREAKTIO	43054		8-2604	OPT.EIG.FK	73630	
LOLBERGA	RP	4-1617	PLASMA	57045	ZUCKER	A	11-1241	KERNREAKTIO	43050		9-2461	FK-SPEKTREN	73340	
LOLIN	LS	7- 917	STARKE WW.	41725		FJ	4- 719	PHYS.OPTIK	29020		12-2999	FK-SPEKTREN	73355	
LOLLEIS	F	7-2970	SEHEN	96610		H	2- 468	MASER,LASER	28040	LP	12-2758	HALBLEITER	71520	
LOLLER	P	12-2707	SUPRALEITG.	70530		IJ	10-1918	KRISTALLE	65530	VA	8- 633	OPT.INSTRUM	28530	
LOLLFRANK	G	11-3038	OPT.EIG.FK	73645			10-1921	KRISTALLE	65530		9-1679	FLUESSIGK.	58543	
LOLOTAR	BA	11-1350	K-REAKTOREN	43510		J	3-1939	GITTERDYN.	67060	ZVEREVA	GA	11-2863	FK-SPEKTREN	73325
LOLOTAREV	VF	1-2382	HALBLEITER	71563		PA	11- 755	ELEMENTART.	41578		12-1505	ATOME	52024	
		4-2392	PHOTOLEITG.	72510			12- 971	ELEMENTART.	41576	ZVERKOV	LS	4-1322	KERNSTRHLG.	44020
		9-2072	DIELEKTRIKA	68020	ZUCKERMAN	B	4-2811	ASTROPHYSIK	93030	ZVEREY	GM	6-2586	OPT.EIG.FK	73635
	VM	4-1829	FLUESSIGK.	58576		JL	5- 666	PHYS.OPTIK	29020	ZVEZDIN	AK	9-2308	HALBLEITER	71540
	VF	2-2373	HALBLEITER	71563			10- 686	PHYS.OPTIK	29020	ZVIADADZE	MD	3-2159	MAGN.EIG.FK	69065
	VM	6-1293	MOLEKUELE	52536		MJ	2-2072	MAGN.EIG.FK	69020		7-2483	FK-SPEKTREN	73355	
LOLOTARYOV	AV	7-1104	KERNSPEKTR.	42555	ZUCKERMANN	MJ	1-2262	MAGN.EIG.FK	70510		8-2509	FK-SPEKTREN	73350	
LOLOTAVIN	AV	3-2873	PLANETEN	93630			3-2104	MAGN.EIG.FK	69030		10-2611	FK-SPEKTREN	73370	
		3-2874	PLANETEN	93630			3-2270	SUPRALEITG.	70520	ZVOLSKA	V	8-1159	KERNSPEKTR.	42560
	BT	1- 566	MASER,LASER	28045			3-2283	SUPRALEITG.	70530		12-1265	KERNSPEKTR.	42560	
	IG	2-2715	GEOMAGNET.	90430			7-2282	SUPRALEITG.	70550	ZVONSKAYA	V	9- 985	KERNSPEKTR.	42565
LOLOTOVITSKII	Y.M.	10-2822	GRENZFL.FK	74570	ZUCKERWAR	A	11-2601	SUPRALEITG.	70510	ZVONAREV	AV	1-1312	KERNSTRHLG.	44010
		10-2822	GRENZFL.FK	74570			9-1981	GITTERDYN.	67070	ZVONKOV	BN	11-2745	HALBLEITER	71566
LOMBKOVSKII	SM	12- 838	KERN-MESSG.	40555	ZUDOV	AI	11-2280	DIELEKTRIKA	68020	ZVYAGIN	AI	8-2489	FK-SPEKTREN	73330
LOMMER	VP	4-1165	KERNSPEKTR.	42575	ZUDOVA	LA	11-2280	DIELEKTRIKA	68020		10-2318			84072
LONN	BA	10-1057	KERNSPEKTR.	42515	ZUELICKE	L	2-1235	MOLEKUELE	52514		7-1794	KRISTALLE	65512	
		10-1484	ATOME	52075			8-1401	MOLEKUELE	52516	ZVYAGINA	AP	7-2414	FK-SPEKTREN	73315
		11-1466	ATOME	52075	ZUEV	AA	1- 292	MECHANIK	22036	ZWAAN	C	7-2847	SonnenPHYS.	93324
	ZN	2-1752	KRIST.FEHL.	66025			6- 225	MECHANIK	22050	ZWAN VAN DER L		6-1049	KERNREAKTIO	43044
		8-2532	FK-SPEKTREN	73355		AM	1- 292	MECHANIK	22036	ZWANZIGER	D	8- 217	QUANTENTHEO	16572
		11-2918	FK-SPEKTREN	73355			6- 225	MECHANIK	22050		8- 830	ELEMENTART.	41510	
LONSHAIN	EM	11-2116	KRIST.FEHL.	66035			11-2162	MECH.EIG.FK	66500	ZWAS	G	6- 320	THERMODYN.	24556
LOOK	JD	4-2483	OPT.EIG.FK	73610		IV	8-2114	THERMEIG.FK	67556	ZWEIFEL	PF	3-1278	MOLEKUELE	52590
		10-2696	OPT.EIG.FK	73610		VE	3-2804	LUFTHUELLE	90860		4- 70	BUECHER	11020	
LOORIN	EI	2-2567	DUENNE SCHI	74000			4-2734	LUFTHUELLE	90850		4- 298	STATISTIK	17530	
		9-2273	HALBLEITER	71520			9- 543	MASER,LASER	28060		11-1610	MOLEKUELE	52590	
		10-1926	KRISTALLE	65540			9-1739	DISP.SYST.	59540	ZWEIG	A	8-2628	OPT.EIG.FK	73660
		12-2251	KRIST.FEHL.	66025			10- 616	MASER,LASER	28065		3- 867	STARKE WW.	41780	
	EL	1-2497	FK-SPEKTREN	73330			10-1427	ATOME	52040		3- 868	STARKE WW.	41780	
LOORN	JC	9-1321	MOLEKUELE	52543			11-1431	ATOME	52040	ZWERDLING	U	7- 630	OPT.INSTRUM	28540
		9-1322	MOLEKUELE	52543		VV	10-2732	OPT.EIG.FK	73645	ZWICKER	S	9-2222	SUPRALEITG.	70530
LOROGLU	DS	11-2708	HALBLEITER	71540			12-2776	HALBLEITER	71530	ZWICKY	F	8-2831	ASTROPHYSIK	93000
LOROY	P	12- 629	MASER,LASER	28055	ZUKER	AP	8-1082	KERNSTRUKT.	42070		9-2948	STERNE	94050	
LOSI	G	11-3073	DUENNE SCHI	74020	ZUKOSKI	EE	7-1543	PLASMA	57055		12-3441	STERNE	94050	
LOTOV	TD	2-2151	MAGN.EIG.FK	69060	ZUKOTYNSKI	S	11-2777	THERMOELEKT	72000	ZWISLOCKI	JJ	8-3029	HOEREN	96310
		2-2152	MAGN.EIG.FK	69060	ZULAUF	M	11- 864	STARKE WW.	41753	ZWORYKINA	RA	9-2159	MAGN.EIG.FK	69070
	VV	4-1790	FLUESSIGK.	58540	ZULEEG	R	1-2614	DUENNE SCHI	74040	ZYABKIN	VA	12-1134	STARKE WW.	41783
LOTOVA	LG	3-1957	GITTERDYN.	67070			5-2719	DUENNE SCHI	74040	ZYBELL	E	1- 215	QU.FELDTHEO	17020
	NV	1-2304	HALBLEITER	71570	ZULKARNEEV	RY	5- 916	STARKE WW.	41740	ZYBIN	KY	11-3342	MAGNETOSPH.	91226
		6-2612	OPT.EIG.FK	73645			10- 932	STARKE WW.	41740	ZYGHUNT	A	6-2268	MAGN.EIG.FK	69050
ZOTTER	BW	4-1708	PLASMA	57235	ZULKARNEYEV	RY	10- 931	STARKE WW.	41740		8-2201	MAGN.EIG.FK	69060	
ZOUAGHI	M	2-2620	DUENNE SCHI	74060	ZULLIGER	HR	12- 800	KERN-MESSG.	40520		9-2131	MAGN.EIG.FK	69050	
		5-2534	PHOTOLEITG.	72510			12- 801	KERN-MESSG.	40520	ZYKOV	AI	11- 662	BESCHLEUNIG	41030
		11-3097	DUENNE SCHI	74040	ZUMINO	B	1- 251	FELDTHEORIE	18000		5-2664	OPT.EIG.FK	73645	
ZOZULYA	BI	7-2331	HALBLEITER	71530			1- 840	STARKE WW.	41700	AM	8- 534	TEILCH.OPT.	27058	
ZRUDSKY	DR	8- 119	LABORTECHN.	12530			3- 807	STARKE WW.	41730	VS	4-2424	FK-SPEKTREN	73315	
ZSCHAECK	H	2- 599	PHYS.OPTIK	29066			4-1003	STARKE WW.	41764		7-1299	ATOME	52022	
ZSCHAEK	H	1- 607	OPT.INSTRUM	28500			6- 160	QU.FELDTHEO	17015	ZYL VAN	B	6-1330	MOLEKUELE	52580
ZSCHOKKE	GRAENACHER						7- 184	QU.FELDTHEO	17010		11-1580	MOLEKUELE	52575	
		5-2663	OPT.EIG.FK	73645			8- 830	ELEMENTART.	41510	CP	8-1062	KERNSTRUKT.	42010	
ZSEMBERY	J	1- 861	STARKE WW.	41725			9- 756	ELEMENTART.	41560	ZYLBERAJCH S		11- 711	ELEMENTART.	41546
		3- 846	STARKE WW.	41764	ZUND	J	1- 281	FELDTHEORIE	18045	ZYLBERSZTEIJN A.				
		5- 972	STARKE WW.	41764		JD	5- 250	FELDTHEORIE	18020		11- 711	ELEMENTART.	41546	
		12-1002	STARKE WW.	41725			12- 366	FELDTHEORIE	18050	ZYLBERSZTEJN A		5-2074	GITTERDYN.	67060
ZSIGMOND	G	5- 745	KERN-MESSG.	40535			2-1527	FLUESSIGK.	58520		8-2373	HALBLEITER	71520	
ZSINKA	L	9- 969	KERNSPEKTR.	42560	ZUNDEL	G	5-1836	FLUESSIGK.	58576	ZYNGIER	H	1- 533	HF-TECHNIK	27540
ZUBAREV	AL	8- 958	STARKE WW.	41725	ZUNG	JT	8-1781	FLUESSIGK.	58555	ZYRYANOV	PS	2-2183	LEITFHGK.FK	70060
	DM	3- 228	STATISTIK	17535	ZUNTER	F	7-2978	STRAHL.BIOL	97010		8-2084	GITTERDYN.	67060	
	IG	1- 554	MASER,LASER	28040	ZUPANCIC	C	2-1046	KERNREAKTIO	43052		11-2579	LEITFHGK.FK	70065	
		1- 572	MASER,LASER	28050			3- 812	STARKE WW.	41735		12-2384	GITTERDYN.	67010	
	TN	9- 494	MASER,LASER	28035			11- 824	STARKE WW.	41735	ZYSK	ED	8- 442	WAERME	24023
ZUBER	K	2-2231	LEITFHGK.FK	70056			11- 942	KERNSTRUKT.	42010	ZYUKOV	VI	7-1538	PLASMA	57053
	H	1-1118	KERNSPEKTR.	42560			11-1255	KERNREAKTIO	43052		7-1539	PLASMA	57053	

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